Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 138
Number 7

August 12, 1940

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Methyl Alcohol	64.5	6.6	54	Effective solvents for oils, waxes, gums, resins and dyes with a wide variety of uses in industry.
Propyl Alcohol	97	6.7	72	
Isobutyl Alcohol	108	6.7	82	
Amyl Alcohol	121—130	6.8	115	
"Hexalin"*	160—163	7.9	154	
Methyl "Hexalin"*	165—190	7.7	155	
KETONES				
Diisopropyl Ketone	114—125	6.8	75	Used in lacquers, inks, and polishes and have good solvency for cellulose acetate, waxes, gums and resins.
Cyclohexanone	152—157	7.9	122	
Methyl Cyclohexanone	160—175	7.6	127	
AROMATIC SOLVENTS				
Cyclohexane	81	6.5	10	Effective solvents for oils, resins, waxes, rubber and asphalt.
"Decalin"*	190—200	7.4	135	
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Volume 138 **August 12, 1940** **Number 7**

Chemical Exports Up 55% in Half-Year

OPD Washington Bureau
August 7, 1940

United States exports of chemicals and related products during the first half of the current year were valued at $128,361,000, a 55 percent gain over the $82,825,000 trade recorded in the corresponding months of 1939, according to C. C. Concannon, chief of the Chemical Division of the Department of Commerce. The value of chemical and related product imports in the first half of the current year was recorded at $87,982,000 against $90,407,653 in the corresponding months of 1939.

Exports of all types of coaltar products, including dyes, were valued at $15,000,000 in the first half year compared with $6,318,000 in the corresponding months of 1939. In this group, shipments of dyes increased in quantity from 5,000,000 to 14,000,000 pounds during these periods and the value advanced from $2,215,000 to $7,070,000.

Total exports of medicinals in the first half of the current year were valued at $14,725,000 compared with $9,809,000 in the corresponding months of 1939. In this group, shipments of non-proprietaries recorded the greatest gains, increasing in value from

—Continued on page 25

Aviation Gasoline Defined for Export

OPD Washington Bureau
August 8, 1940

Clarification of the definition of aviation gasoline subject to export license was issued to collectors of customs today by the Division of Controls of the Department of State.

As the definition reads it could be construed to prohibit export without a license of perhaps half of the regular motor gasolines of relatively low octane number on the ground that they contain 3 percent or more of materials from which aviation gasoline could be made theoretically. The interpretation issued today removes from the license requirement many petroleum products which cannot be converted into aviation fuel by practical commercial processes but which have been held up at ports through misunderstandings. It does not, however, permit export without license of products containing important amounts of fractions useable in baking aviation fuel. The text of the notice is:

Attention is invited to the text of the regulation which reads as follows:—

"Petroleum products — (a) Aviation motor fuel, i.e. high-octane gasoline, hydrocarbons, and hydrocarbon mixtures (including crude oils) boiling between 75 degrees and 350 degrees F. which, with the addition of tetraethyl lead up to a total content of 3 c.c. per gallon will exceed 87 octane number by the A.S.T.M. knock test method; or any material from which by commercial distillation there

—Continued on page 50

Hopper Leaves Oil Post In Commerce Bureau

OPD Washington Bureau
August 5, 1940

After having served as head of the petroleum and coal section of the Bureau of Foreign and Domestic Commerce for several years, Paul L. Hopper resigned his post today. Mr. Hopper, a naval reserve officer in the engineering bureau, accepted an assignment with the Navy Department and went on duty as a senior lieutenant. His new work is concerned with the national defense program.

Employees of the metals and minerals division of the Department of Commerce will perform his duties for some time, as the position is not expected to be filled very soon.

Benzol Exports Not Controlled

OPD Washington Bureau
August 9, 1940

Although no strictly official ruling has been obtainable from the Controls Division of the Department of State, it is learned authoritatively that benzol, xylol, and solvent naphtha are exempt from the export license requirement applying to toluol and coaltar "light oil."

Experts in the division above differed in opinion with respect to the extent to which the term, "light oil," in the regulation on toluol applied to coaltar distillates. The decision at present is that this designates a special coaltar fraction containing some toluol and does not include the several other distillates as such.

T.G.A. Plans Raw Material Standards

A scientific advisory committee, consisting of leading technical men in the cosmetic industry, has been appointed to work with S. L. Mayham, director of the board of standards of the Toilet Goods Association. The work of the committee will be devoted largely to the development and ultimate promulgation of scientific standards for the leading raw materials used by manufacturers of cosmetics.

The first efforts of the committee are being devoted to a list of twenty-four raw materials employed in the largest volume in the manufacture of cosmetics. These are:—

Talc, mineral oil, zinc oxide, titanium dioxide, ozokerite, glycerin, boric acid, zinc stearate, paraffin, ceresin, lanolin, spermaceti, benzoinated lard, sulphonated castor oil, sulphonated olive oil, glycerol stearate, triethanolamine petrolatum, chalk, castor oil, stearic acid, beeswax, borax, clays.

—Continued on page 46

F.T.C. Awards 10c Cosmetics To All Types of Retailers

OPD Washington Bureau
August 5, 1940

Luxor, Ltd., cosmetic manufacturer, Chicago, must furnish the 10-cent size of its preparations to all retailers alike and may not restrict distribution of this size to variety stores—this is the order of the Federal Trade Commission which has declared that the restricted distribution is a discrimination in violation of the Robinson-Patman act.

The commission's order directs Luxor, Ltd., to cease and desist from furnishing any of its commodities packaged in containers of a certain size and style unless all purchasers competing in the resale of such articles are accorded the facility of packaging in containers of like size and style, on proportionally equal terms. The practice at which it is directed has been under investigation for a long time, and the complaint in the Luxor case was issued early in 1939.

The Commission bases its conclusion of violation of the Patman law on a number of findings of fact, among which the following are indicative of its attitude:—

Paragraph four:—The respondent, in connection with the sale of some of its most popular complexion powders, creams, and rouge, packages each of such products in both "standard" or "regular" size packages, and in containers known as "junior" size which have approximately one-fifth the capacity of the "regular" or "standard" packages. The resale prices of the "regular" size are 49 cents, and of the "junior" size, 10 cents. Each of the respective products packaged in the two sizes are identical. These products packaged in the "regular" or "standard" size are sold to all types of retailers, novelty, variety, syndicate, five-and-ten-cent stores, and retail druggists both directly from the respondent and indirectly through jobbers. The commission finds that the "junior" size packaging facilitates the resale of products so packaged.

The respondent, in connection with the sale of these products, accords the service or facility of the "junior" size packaging and the "standard" size packaging to purchasers known as novelty, variety, syndicate, and five-and-ten-cent stores, and refuses to furnish the service or fa-

—Continued on page 30

N.P.V.L.A. Engages Priest as Director

George H. Priest, jr., St. Louis, will become connected about September 1 with the National Paint, Varnish and Lacquer Association as director of technical field service. The position, says Ernest T. Trigg, president of the association, is a newly created one "immediately motivated by the growing responsibilities of the industry in cooperating with the government in the national defense program, while extending and coordinating the valuable services developed by the association for the wider benefit of the industry and the public.

Mr. Priest has been a prominent figure in paint circles for a number of years. He has been vice-president of the American Paint Journal Company, St. Louis, since 1930 and editor of the *American Paint Journal* for the past twelve years. His selection for the new association post was logically dictated also by his previous association with the government as a paint specialist in the Bureau of Foreign and Domestic Commerce from 1924 to 1927.

Concurrent with the national defense work, Mr. Priest's duties with the association will embrace field work on technical and production problems, working through and with State agricultural departments and other State and Federal agencies, as well as with production clubs and the technical and production men of the industry gen-

—Continued on page 34

Dermatitis from Allergies

By H. E. Cox, D.Sc., F.I.C.

A commentary on idiosyncrasy and supersensivity in relation to suits for damages—reprinted from Chemistry and Industry, Longon, England

During the past twenty years there has been an increasing incidence of dermatitis among the general public resulting from the wearing of certain types of clothing, the application of cosmetics, the dyeing of hair, and various less common circumstances. The knowledge of the possibilities and their financial consequences is now widespread amongst the public and is, to their cost, well known to manufacturers and traders.

At one time claims arose mainly from dyed furs; now they arise from almost any kind of garment and a host of other commodities. So it is a matter of some satisfaction to industry to note that there are signs of a change in the attitude of the courts toward these claims. Not long ago it seemed almost hopeless to defend a case in which the incidence of the dermatitis was certain and the contractual or tortuous relationship between the parties clearly existed; *post hoc, propter hoc* seemed to be the ruling principle. If the purchase and the injury were proved it was of little avail to show that nothing injurious or even suspect could be found in the garment or article, or that tens of thousands of precisely similar articles were being worn. Nearly all of the cases turned upon the supposition that the implied condition of reasonable fitness such as is mentioned in section 14 of the sale of goods act was absolute and applicable to any individual purchaser.

The implications of idiosyncrasy had not been sufficiently studied or been the subject of judicial pronouncement. Perhaps it is natural therefore that, having experience of irritant fur bases in mind, there was a tendency to suppose that some such substance must be present. The judge who came to the conclusion that, notwithstanding evidence of the contrary, "something of the sort must have been there," expressed a view perhaps very human but not very satisfactory to the scientific mind or to the trader.

Some progress has happily been made of recent years, both by medical men and chemists, in the recognition of the normal and the abnormal, also between the supersensitive and the idiosyncratic skin in relation to their possible reaction to chemicals. These matters have been more clearly put in evidence, and leading judgments have more clearly defined the legal consequences following from such conditions. Thus in the now well-known case of Grant *v.* Australian Knitting

—Continued on page 37

Broker Buying for Self Cited for Taking Fee

OPD Washington Bureau
August 7, 1940

Violation of the brokerage paragraph of the Robinson-Patman act is alleged in a Federal Trade Commission complaint issued against H. Stanley Jones, H. Edwin Jones and Maurice C. Berkeley, of 206 South Broadway St., Baltimore, who are copartners trading under the firm names of Howard E. Jones & Co., the King Foods Company, the Baltimore Sales Service Company, the Baltimore Macaroni Company, and the Ocono Company.

The complaint points out that the co-partners trading principally under the name of Howard E. Jones & Co., have acted as brokers in the sale of food products, particularly canned fruits and vegetables, and that they have also engaged in the business of buying and selling that class of products for their own account, principally under the name the King Foods Company but also under the names and styles of Howard E. Jones & Co., the Baltimore Sales Service Company, the Baltimore Macaroni Company, and the Ocono Company.

It is alleged that in the course and conduct of their business of buying food products for their own account the respondents doing business under their respective firm names, have been and are now receiving and accepting from numerous sellers brokerage fees, or allowances or discounts in lieu thereof, on many of the purchases made for their own account, in violation of section 2 (c) of the Clayton act, as amended by the Robinson-Patman act.

Closing Markets

London Closing Cable

LONDON, Aug. 9, 1940

Carnauba wax, 340s per hundredweight; quicksilver, £54 10s per flask, without engagement.

Roman Chamomile Higher

Prices on Roman chamomile flowers were higher at $1.40 to $1.45 per pound. The item comes from Belgium and cannot be imported now.

Cassia Oil Advanced

The primary market crisis has led to an advance in spot quotations. The redistilled oil was raised to $1.35 to $1.40 per pound and ended the week in firm position.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday on covering of shorts and buying for a turn. January closed at 5.70c. and December 5.68c., these prices being about 10 points above the lowest of the week, but 20 to 25 points under the final quotations of the previous week.

Flaxseed Estimate Up

The indicated flaxseed crop in the U. S. on August 1, according to the monthly government report issued late on Friday, was 29,290,000 bushels. This compared with 28,801,000 bushels a month earlier and with a production last season of 20,320,000 bushels.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Navicerts:—British consulates will accept navicert applications for the following countries:—Spain, Portugal, Switzerland, Spanish and International Morocco, Turkey, European Russia, Spanish and Portuguese Atlantic Islands, and Iceland. For Switzerland the proposed route should be stated. For European Russia the port of destination should be stated. For Turkey it is a condition of acceptance that the applicant agrees to ship by a route which does not involve the passage of Gibraltar.

Spanish Trade:—A technical commercial agency intended to centralize in one agency the trade control powers of various branches of the Spanish government has been created.

Tanning Barks:—Algeria prohibits the exportation of barks and other tanning materials.

Drug Act Injunction Obtained by F.D.A.

OPD Washington Bureau
August 8, 1940

The first use of injunction proceedings to enforce the food, drug and cosmetic act was announced today by the Food and Drug Administration. The Federal district court in New Orleans, La., issued an injunction perpetually restraining the Skrmetta Seaward Company, New Orleans, from shipping adulterated crab meat in interstate commerce.

In this case the Skrmetta concern was charged with packing crab meat in highly unsanitary conditions, causing imminent danger to public health. The application for an injunction stated that the company had been warned repeatedly during the past five or six years and that seizures of its product had been made last spring but the company failed to remedy conditions in its plant. It was pointed out that the rapidity with which crab meat moves in interstate commerce makes it impossible to remove all adulterated shipments by the seizure method. Under the injunction, further shipments of adulterated products by this concern will constitute contempt of court.

Exporters to Hear Talk On Pan-America Parley

George E. Quisenberry will be the guest speaker at a luncheon meeting of the Export Managers Club, in the Hotel Pennsylvania, this city, August 13. Mr. Quisenberry will discuss the recent Pan-American conference at Havana, which he attended as an economic observer.

Chemical Prices Turn Downward

Price changes were not numerous in the markets for heavy and fine chemicals last week, but because they comprised several non-ferrous metals—all on the weaker side—the general average was slightly depressed. Uptrending views were negligible.

The volume of shipments as a whole was not changed from the week before, and there were no marked shiftings among the lines involved. Expectations held high on the basis of production for defense, but there was some questioning of what effect this might have on the general balance because of the concentration in the more essential industries.

The only price advanced was that of gum rosin.

Prices were reduced on electrolytic copper, copper sulphate, Straits tin, tetrachloride of tin, lead, red lead, litharge, orange mineral, ephedrine, gum turpentine, cottonseed meal in the Southeast, and California sardine meal.

The REPORTER'S composite index number of prices for heavy and fine chemicals receded to 129.8 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 91.9, compared with 88.7 at this time last year and 89.1 in 1938.

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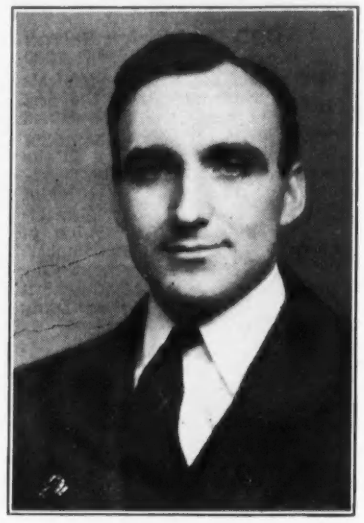
Central Soya Co. Names Dr. Murray to Sales Post

Dr. Charles A. Murray has been named to head the sales division of the recently expanded technical oils department of the Central Soya Company, Fort Wayne, Ind. He was formerly an analytical and control chemist for E. I. du Pont de Nemours & Co., Wilmington, Del.

A native of Muncie, Ind., Dr. Murray received a chemical engineer degree



Dr. Charles A. Murray

from Purdue University in 1934. He received his master of science from University of Michigan in 1936 and his Ph.D. last June. While at Michigan, supported by a Fellowship of the Federation of Paint and Varnish Production Clubs, he did research in "Alteration of Surface Properties of Carbon Black."

In his new position, Dr. Murray will work with Dr. E. B. Oberg, research director, and N. F. Kruse, technical director, in the development of soya oils for industrial uses, and with manufacturers in the application of these oils to their products and processes.

Mexican Oil Ban Opposed by Sinclair

OPD Washington Bureau
August 6, 1940

Spokesmen for the Sinclair oil interests and the Department of State appeared this week at hearings before a house subcommittee to oppose a bill intended to prevent the importation of expropriated Mexican oil into this country. The measure, introduced by John W. McCormack as H.R. 9669 and by Morris Sheppard as S. 3936, would amend the national stolen property act to prevent interstate commerce in property confiscated by any foreign government. The senate rushed the bill through June 22 without any hearings.

Patrick J. Hurley, attorney for the Sinclair oil companies which recently settled with the Mexican government on their interests in the expropriated oil lands, accused the Standard Oil Company of New Jersey of originating the legislation to discredit the Sinclair agreement. He pointed out that Sinclair companies import only one out of every twenty-two barrels of imported petroleum which they sell all over the United States, and therefore they are not flooding the country with Mexican petroleum and have nothing to do with the recent break in Texas oil prices.

The innumerable difficulties which would arise with foreign governments as a result of the bill were outlined by Green H. Hackworth, legal adviser for the Department of State. He quoted the United States courts to show they lacked jurisdiction in expropriation cases.

Russell B. Brown, counsel for the Independent Petroleum Association of America, testified in favor of the bill. Pointing to the great increase in imports of cheap Mexican oil in the past few months, he said this country produces enough oil for its own needs and no importations at all are necessary.

Sales Better in June

Domestic sales of manufacturers and wholesalers of chemicals, oils, and drugs were higher, with one exception, during June, 1940, as compared with the same month in 1939, according to data compiled by the Department of Commerce. The exception was the medicinal preparations manufacturers' sales classification, which showed a decline. Export activities in chemical and related products varied in the comparison of the two periods.

Comparison of May and June, 1940, revealed that manufacturers' sales in all chemicals and allied products averaged slightly lower in the latter month; wholesalers' sales in June varied as to classification, with chemicals and paints declining and drugs and petroleum products rising. Comparisons for various groups and some single commodities follow:—

Sales

	Percentage comparison with June, 1939. Mfrs.	Wsrs.
Chemical products	+16.5	+ 8.3
Drugs and druggists' sundries	....	+ 9.8
Medicinal preparations	— 5.9	....
Paints and varnishes	+ 0.1	+ 3.9
Petroleum	+ 4.9	+23.2

Exports

Coaltar chemicals	+ 32.6
Gas and fuel oils	— 10.6
Industrial chemicals	+ 79.3
Lard	— 44.1
Lubricating oil	— 2.5
Medicinal products	+ 45.7
Motor fuels	— 50.0
Naval stores and resins	— 12.5
Oilcake and meal	— 92.3
Paints and varnishes	+ 1.4
Petroleum, crude	— 2.4
Phosphate rock	— 51.6
Pigments	+ 27.8
Soaps and toiletries	— 20.9
Sulphur, crude	— 1.8

Retail Sales

Drug stores, independent	+ 4.0
Chains	+ 3.4
Inventories	+ 2.0
Filling stations, independent	— 3.3

Wholesale Inventories

	Compared at June 30.
Drugs and druggists' sundries	+ 5.4
Industrial chemicals	+ 13.0
Paints and varnishes	+ 12.9
Petroleum	+ 11.7

Soviet Trade Pact Renewed by U.S.

OPD Washington Bureau
August 7, 1940

The Department of State announced yesterday the renewal until August 6, 1941, of the commercial agreement between the United States and the Union of Soviet Socialist Republics on the same terms as the original agreement which has been renewed annually since then.

Under this agreement the Soviet government agrees to purchase at least $40,000,000 worth of American goods, and in return Russian goods will receive most-favored-nation treatment and will have the benefit of reduced duties granted other countries in reciprocal trade agreements except that of Cuba. In a supplemental note the Soviet government stated that it could not guarantee to make the anticipated purchases if restrictions on exports imposed by the United States as a part of its defense program should make it impossible to purchase desired goods here.

Foreign trade of the United States with the Soviet Union during the life

Peanut Crop Diversion Hearing Set for Aug. 15

OPD Washington Bureau
August 7, 1940

Nearly 150 representatives of the peanut industry will meet here August 15 to discuss with Department of Agriculture officials the peanut situation and a possible diversion program for the 1940 crop. The conference will open at 9:30 a.m. in the main auditorium of South Building of the Department of Agriculture. Invitations to attend the conference have been extended to members of four large cooperative marketing associations, independent growers, millers, shellers, peanut oil mill operators, and peanut product manufacturers.

Disinfectant Makers to Meet

National Association of Insecticide and Disinfectant Manufacturers will hold its annual convention in the Hotel Roosevelt, this city, December 2 and 3.

Crary Heads N.P.V.L.A. Entertainment Committee

Arthur V. Crary, of the Continental Can Company, New York, has been appointed chairman of the entertainment committee for the 1940 convention of the National Paint, Varnish and Lacquer Association, in the Mayflower hotel, Washington, October 30-November 1, 1940, immediately following the convention of the Federation of Paint and Varnish Production Clubs. The groundwork was laid for the social features of the convention at a preliminary meeting with the staff of the association August 7.

Arthur V. Crary

Other members of the committee are:—W. B. Elwang, of the Sander Brothers Company, Richmond, Va.; Leon S. Hanline, of Hanline Brothers, Baltimore, John Hardell, of the Hugh Reilly Company, Washington, and H. W. Hock, of the Hock Paint & Varnish Company, Phoenixville, Pa.

Consumer Movement Linked To U.S. Defense Program

OPD Washington Bureau
August 5, 1940

Representatives of about a hundred national organizations interested in various aspects of the consumer movement assembled here August 1 and 2 in a conference arranged by Harriet Elliott, consumer adviser, in the Advisory Commission to the Council of National Defense.

The conference met in five discussion groups considering respectively the following topics:—

1. Consumer-buyer- problems.
2. The consumer adviser's office and organized civic groups.
3. Social wellbeing.
4. Nutrition as a basis for physical fitness.
5. Public health and consumer aspects of housing.

The several groups adopted recommendations for consideration by the consumer adviser's office. Those of the buyer group are particularly of interest to business. They follow:—

(a) That accurate, up-to-date information be made available on the prices and quality of consumer goods, and on the general situation with regard to inventories and supplies which may affect prices.

(b) That consumer groups be aided in developing the necessary understanding and interest to get such information used effectively.

(c) That, since information as to the quality of consumer goods is particularly necessary in a period when quality changes and substitutions are likely, existing standards for consumer goods should be compiled and disseminated widely among consumer groups; that the cooperation of business people in the use of standards should be sought. Where standards are not available, informative labeling should be considered and new standards developed.

(d) That the consumer adviser's office consider steps to prevent unwarranted increases in price.

Among the recommendations on social wellbeing the following with particular reference to public health are of interest:—

That where local medical societies plan for the distribution of medical services between military and civilian requirments, local groups advise on the nature and extent of civilian needs; that opportunity be given for voluntary cooperation with public health services.

That national organizations which now have programs which deal with certain aspects of social wellbeing (public health, schools, children, etc.) continue and intensify those activities which will contribute to the total defense of the United States, and that they join locally with other organizations whose programs are similar.

That local groups should survey the human needs of their community, and the local resources available; and should find ways of using local resources to meet local needs, seeking national aid only when full use has been made of all local facilities, talents and resources.

That the consumer adviser's office should prepare suggestions for the activity of national organizations and their local branches, from which organizations may select those activities which fit their programs.

Codliver Oil Process May Increase Output

An increase in the domestic production of codliver oil is forecast by C. W. Whitmayer, president of Whitmayer Laboratories, Inc., Myerstown, Pa., on the basis of a new patented process for the extraction of the oil. It is Mr. Whitmayer's contention, that the new process, because it can be put in operation at low cost in small plants at any place where codlivers are available, will make practicable the utilization of one-third to one-half more livers. These, he says, are not now extracted because of the cost of transportation to points where it is practicable to maintain extraction equipment of the type now required. Mr. Whitmayer says that high-quality codliver oil is now being produced by his method at twenty

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Trade Associations Must Know Antitrust Law Processes

By John M. F. Donovan, Jr.
Trade Association Counselor

(Continued from August 5 issue)

Formal Procedure

Complaints are issued by the Federal Trade Commission only after careful consideration of the facts developed by thorough investigation.

A complaint issued in the name of the commission acting in the public interest is the first step in the formal procedure as carried on by the commission. It names the respondent, charges a violation of law, and includes a statement of the charges. The party complaining to the commission is not a party to the formal complaint issued by the commission, nor does the complaint seek to adjust matters between parties which are ordinarily considered as private controversies.

The principal purpose of the proceedings is to prevent, for the protection of the public, those unfair methods of competition and unfair methods or deceptive acts or practices forbidden by the Federal Trade Commission act, and those practices prohibited by the Clayton act, as amended by the Robinson-Patman act, and those forbidden by the export trade act.

The commission's rules of practice and procedure provide that, in case the respondent desires to contest the proceedings, he shall, within twenty days from the service of the complaint file answer thereto with the commission. The rules of practice also specify a form of answer for use should the respondent decide to admit the facts alleged and not contest the proceeding.

Under the rules of practice of the commission, "failure of the respondent to file answer within the time... provided or failure to appear as the time and place fixed for hearing shall be deemed to authorize the commission, without further hearing or notice to respondent, to proceed in regular course on the charges set forth in the complaint, and to make, enter, issue, and serve upon respondent findings of fact and an order to cease and desist."

In a contested case, the matter is set down for hearing before a trial examiner. This may occupy varying lengths of time, according to the nature of the charge or the availability and number of witnesses to be examined. Hearings are held before a member of the commission's staff of trial examiners, who may sit anywhere in the country, the commission and the respondent being represented by their respective attorneys.

After the submission of evidence in support of the complaint, and then on behalf of the respondent, the trial examiner prepares a report of the evidence for the information of the commision, counsel for the commission, and counsel for the respondent. Exceptions to the trial examiner's report may be taken by counsel for either side.

Within a stated time after the trial examiner's report is made, briefs are filed, and the case is set for final argument before the commission. Thereafter the commisison reaches a decision either sustaining the charges made in the complaint, or dismissing the complaint, or closing the case.

If the complaint is sustained, the commission makes its findings as to the facts and states its conclusions that the law has been violated, and thereupon an order is issued requiring the respondent to cease and desist from such violation.

If the complaint is dismissed or closed, an appropriate order is entered. Sometimes an order of dismissal or closing is accompanied by a written opinion, although more often

—*Continued on page* 50

Drug Export Exemption Officially Pronounced

OPD Washington Bureau
August 8, 1940

Specific instructions have been sent to all collectors of customs by the Division of Controls of the Department of State that no licenses are required under the export control act for shipments of finished drug preparations containing basic materials subject to license.

The text of this notice is as follows:—

With reference to the department's circular instruction of July 19, 1940, in regard to the interpretation of the regulations issued by the President on July 2, 1940, pursuant to section 6 of the export control act, approved on the same date, you are informed that the following articles and materials are not considered subject to the requirement of an export license:—

Medicinal, dental, and proprietary preparations in bottles, tubes, vials, capsules, boxes, or other containers for individual consumption, and all chemicals conforming to United States Pharmacopeia (U.S.P.), National Formulary (N.F.), or chemically pure analytical reagent (C.P.A.R) standards, which contain as ingredients any of the basic materials or chemicals listed in the regulations.

Metals Reserve Co. to Buy Manganese From Chile

OPD Washington Bureau
August 8, 1940

The Metals Reserve Company, formed by the Reconstruction Finance Corporation to coordinate and increase the buying of strategic metals necessary for defense, is planning the purchase of 10,000 tons of manganese from Chile. Purchases of manganese from India and South Africa have thus far reached 127,000 tons. No additional purchases of chrome and antimony have been made since 6,000 tons were purchased several weeks ago.

A Guaranty of MERCK Purity & Reliability

MERCK Ephedrine, *identical with the natural alkaloid*, is officially recognized by the United States Pharmacopoeia and establishes an independence of the foreign source of supply for American consumers. Pharmacologic and clinical tests have proved that its action and therapeutic effects are identical with those of the natural product. It is available in the form of the hydrochloride and sulfate for use in powder, capsules, nasal jellies, aqueous solutions for topical application to mucous membranes or as nasal sprays, and as the alkaloid for solution in light liquid petrolatum.

Merck Ephedrine is available in the following forms:

- **Ephedrine Alkaloid Anhydrous U. S. P.**
- **Ephedrine Alkaloid U.S.P. (Hemihydrate) Water content 5.17%**
- **Ephedrine Hydrochloride U.S.P.**
- **Ephedrine Sulfate U.S.P. Crystals and Powder**

RACEMIC EPHEDRINE IS AVAILABLE AS:

- **Racemic Ephedrine Alkaloid**
- **Racemic Ephedrine Hydrochloride**
- **Racemic Ephedrine Sulfate**

LITERATURE ON REQUEST

MERCK

FINE CHEMICALS FOR THE PROFESSIONS AND INDUSTRY SINCE

* 1818 *

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

Current Market Quotations

RECEIVED AUG 12 1940 LIBRARY

August 9, 1940

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, arabic).
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., 95-98%, chips, bbls..lb. .22 - —
cryst., bbls.....lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb. lots.....lb. .38 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs., 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .06½- —
l.c.l., dlvd.....lb. .07 - —
tanks, dlvd.....lb. .05 - —
Methyl (see M).
Acetophenone, bots.....lb. 1.60 - —
cns., 25 to 50 lbs.....lb. 1.30 - 1.35
dms., 100 lbs.....lb. 1.27 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S. D., Tex. E. of Austin and Brownsville...lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, com'l or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys., cs.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys., cs.....100 lbs. 4.65 - 4.90
80%, bbls.....100 lbs. 5.17 - 5.42
cbys., cs.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys., cs.....100 lbs. 6.39 - 6.64
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5% bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
tanks .....100 lbs. 5.00 - —
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms..... 100 lbs. 8.43 - 8.68
cbys., cs.....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys., cs.....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys., cs.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys., cs.....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys., cs.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys., cs.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls..lb. .40 - —
Adipic, fib. dms., works.....lb. .31 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.25 - 2.50
Battery, cbys., c.l., E. works. 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works. 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more. lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bulk, frt. alld..ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex whse...ton.108.00 - —
less than ton lots, ex whse..ton.113.00 - —
bbls., c.l., frt. alld...ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse...ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.111.00 - —
ton lots, ex whse...ton.123.00 - —
Acid, boric, tech., 99.5%, powd., bbls., less than ton lots, ex whse..ton.128.00 - —
USP, $25 per ton higher.
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broenner's, bbls.....lb. 1.11 - —
Camphoric, cns.....lb. 7.00 - —
Capric, dms.....lb. .13¾- .14¼
Caproic, dms., works.....lb. .30 - .35
Carbolic (see Phenol).
Caprylic, dms.....lb. .17½- —
Castor oil, split, dms.....lb. .16 - .16¾
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N.Y..lb. .15¼- —
l.c.l., 5 tons, dlvd., N. Y. lb. .15¾- —
smaller quantities, dlvd. N.Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dms.....lb. .10½- .11
Corn, dist., dms.....lb. .09 - .09¼
Cottonseed oil, dist., dms....lb. .08 - .08½
tanks .....lb. .07½- —
Cresylic (coaltar) high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 210°-215°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equld..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
imported, pale, dms...gal. .65 - .70
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East, U.S...gal. .43 - —
l.c.l., same basis.....gal. .44 - .45
tanks, dlvd., East U.S.gal. .389 - —
medium-boil (222°-249°), non-return dms., c.l., works, East., U.S..gal. .49 - —
l.c.l., same basis...gal. .50 - .51
tanks, dlvd., East. U.S..gal. .448 - —
Crotonic, 10 bbls. or more, dlvd..lb. .21 - —
smaller lots, dlvd .....lb. .26 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 and over.....lb. .11 - —
1-24 .....lb. .11½- —
Fumaric, bbls., 1-ton delivery.. lb. .24 - —
smaller lots.....lb. .25 - .28
Gallic, tech., bbls.....lb. .90 - .93
N. F., VI. bbls., 200 lbs., 5 or more..lb. 1.07 - —
single bbls.....lb. 1.10 - —
fib. dms., 25 lbs.....lb. 1.16 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs. or cbys.....lb. .17 - —
25 or 50-lb. demijns.....lb. .21 - .23
5-lb. bots.....lb. .29 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. lots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, U.S.P., 48%...lb. .48 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06½
rubber dms.....lb. .08 - .08½
48%, lead cbys.....lb. .12 - —
rubber dms.....lb. .11 - —
52%, lead cbys.....lb. .13 - —
rubber dms.....lb. .12 - —
60%, lead cbys.....lb. .14 - —
rubber dms.....lb. .13 - —
Hydrofluosilic, 30-35%, 420 lbs. bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - —
cbys., works...100 lbs. 3.75 - —
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., works.. 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., works.....100 lbs. 3.75 - —
cbys., works...100 lbs. 4.75 - —
44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works....100 lbs. 6.75 - —
cbys., works..100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10½- .11½
5 to 19, cbys.....lb. .11 - .12
1 to 4, cbys.....lb. .11½- .12½
Acid, lactic, plastic grade, bbls., cbys., 20 or more..lb. .12¼- .13½
5 to 10, cbys.....lb. .12¾- .13¾
1 to 4, cbys.....lb. .13¾- .14½
80%, bbls., cbys., 5 or more..lb. .21 - .22
1 to 4, cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms.....lb. .12½- .13
Laurent's, bbls.....lb. .45 - —
Linseed oil, light, dms.....lb. .13¼- .13¾
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs.....lb. 2.05 - —
smaller lots.....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kegs, works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works.....100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works.....100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works.....100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P. dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, bgs.....lb. .13¼- —
dist., dms.....lb. .17¾- .18¼
Naphthenic, dom., acidity 160, dms., c.l., works..lb. .06½ Nom.
l.c.l., works.....lb. .07 Nom.
tanks, works.....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works.....lb. .09½ Nom.
tanks, c.l., works.....lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., works.....lb. .10½ Nom.
tanks, works.....lb. No prices
Nicotinic, 25-lb. cns.....lb.15.00 -15.50
5-lb. bots.....lb.16.50 - —
1-lb. bots.....lb.17.00 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24 works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24 works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palmitic, bgs.....lb. .09¾- .10¼
Palm oil, white, dist., dms..lb. .07 - .07½
tanks .....lb. .06½- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50%, s. g. 1.347, cbys., 70 lbs..lb. .12 - —
dms., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works.....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.20 - —
cns. .....lb. 1.25 - —
USP, cryst., cns.....lb. 1.70 - —
resubl., cns.....lb. 2.25 - —
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., c.l., works.....lb. .27 - —
l.c.l., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works...lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .09 - .09½
Stearic, dist., double pressed, bgs., dlvd..lb. .09 - .10
single pressed, bgs., dlvd..lb. .08½- .09½
triple pressed, bgs., dlvd..lb. .11¾- .12¾
saponif., double pressed, bgs., dlvd..lb. .09¼- .10½
triple pressed, bgs., dlvd..lb. .12 - .13

Acid, succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
9-lb. lots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. lots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms.....lb. .54 - .56
USP, fluffy, bbls., 1,000-lb. lots..lb. .98 - —
100-lb. lots.....lb. 1.00 - —
25-lb. lots.....lb. 1.03 - —
powd., bbls., 1,000 lbs.....lb. .88 - —
smaller lots.....lb. .90 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment.....lb. .41¼- —
smaller quantities...lb. .41¾- —
kgs. .....lb. .42¼- —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. No prices
Chem. grade, kgs., works..lb. No prices
Aconite leaves, bls.....lb. .32 - .34
Root, bls.....lb. .45 - .50
Aconitine, amorph., bots.....oz.23.00 - —
vis. .....gr. 1.00 - —
cryst., bots.....oz.42.00 - —
vis. .....gr. 1.60 - —
Adeps lanae, anhyd., dms.....lb. .26½- .27
hyd., dms.....lb. .24½- .25
Agar, 1, bls.....lb. 1.40 - 1.45
3, bls.....lb. No prices
Agaric, white, bls.....lb. 5.00 - 5.25
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .55 - .62
import ,bgs.....lb. No prices
Egg, ed., dom., cryst., bbls..lb. .54 - .60
powd., dms., bbls.....lb. .59 - .65
import, cs.....lb. .60 - .65
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
normal, dms., l.c.l., wks....lb. .25 - —
Benzyl, cns.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works...lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
tankwagon, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
tertiary, denaturing, c.l., dms..lb. .12½- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11½- —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
, com'l, dms.....lb. .95 - —
import, 85%, 100-lb. dms....lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l, 350-lb. dms.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD14, dms., c.l., works, E..gal. .31½- —
l.c.l., works, dms.....gal. .36½- —
tanks, E., works.....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI 190 pf., bbls., c.l., E. works..gal. .29½- —
19 bbls., E. works....gal. .31½- —
1 to 18 bbls., E. works, gal. .34½- —
dms., c.l., E. works...gal. .28½- —
19 dms., E. works...gal. .30½- —
1 to 18 dms.....gal. .33½- —
tanks, E. works.....gal. .22½- —

Anhydrous 3c. per gal. higher.

SD-2B, dms., c.l., works, E. gal. .26½- —
19 dms., works, E...gal. .28½- —
1 to 18 dms., works, E. gal. .31½- —
tanks, E. works.....gal. .20½- —
SD23G, works, E., c.l., dms., gal. .32½- —
19 dms.....gal. .34½- —
1 to 18 dms.....gal. .37½- —
tanks .....gal. .26½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Alcohol—Bismuth Subnitrate

Alcohol, special solvent, dms., c.l., E., works..gal. .29½- —
20 dms., E. works..gal. .31½- —
1 to 10 dms.....gal. .34½- —
tanks, E. works.....gal. .28½- —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, acetone-free, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
cns., works.....lb. .16½- .18½
tanks, dlvd.....lb. .11 - —
tech., dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
cns., works.....lb. .16 - .18
tanks, dlvd.....lb. .10½- —
Ethyl, 190 pf., ex. molasses, bbls., c.l..gal. 5.90½- —
19 bbls.....gal. 6.03 - —
1 to 18 bbls.....gal. 6.06 - —
dms., c.l.....gal. 5.98½- —
19 dms.....gal. 6.02- —
5 to 18 dms.....gal. 6.05 - —
1 to 4 dms.....gal. 6.07 - —
tanks .....gal. 5.92½- —
absolute, dms., c.l.....gal. 6.33½- —
19 dms.....gal. 6.37 - —
1 to 18 dms.....gal. 6.40 - —
1 to 4 dms.....gal. 6.42 - —
Grain alcohol 25c. gal. higher.
Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
Tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs, works, lb. .20 - —
l.c.l., 500 lbs, and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., works..lb. .0690- —
tanks, same terms.....lb. .0590- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .65 - —
55 gal., c.l., same basis, gal. .33½- —
l.c.l., same basis...gal. .38½- —
tanks, frt. alld.....gal. .28½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis...gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cans.....lb. 2.30 - 3.35
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .60 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .70 - —
Octyl (see ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
cns., f.o.b., Cedar Rapids, ia. lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Alstris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .60 - .65
Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .40 - .42
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .42 - .45
Alein, 140-lb. bbls.....lb. 3.25 - —
100-lb. kgs.....lb. 3.27 - —
26-lb. fib. dms.....lb. 3.34 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .80 - .83
peeled, bls.....lb. .58 - .63
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
dlvd., N.Y., Phila...100 lbs. 3.50 - —
lump, bbls., works....100 lbs. 3.75 - —
dlvd. N.Y., Phila...100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
dlvd. N.Y., Phila...100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rats applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point. dlvd N. Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works, 100 lbs. 3.75 - —
dlvd. N. Y., Phila...100 lbs. 3.75 - —
lump, bbls., works....100 lbs. 4.00 - —
dlvd. N. Y., Phila...100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
dlvd N. Y., Phila...100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.
Potash chrome, bbls.....lb. No price
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 10 or more, dlvd..lb. .35 - —
1 to 9, dlvd.....lb. .40 - —
smaller containers, dlvd. lb. .50 - —
soluble, bbls., dlvd....lb. .33 - —
smaller containers, dlvd. lb. .45 - —
solut., 32%, bbls., c.l., dlvd..lb. .09½- —
l.c.l., 10 or over, dlvd. lb. .11 - —
1 to 9, dlvd.....lb. .12 - —
normal, pwd., bbls., dlvd. lb. .22 - —
smaller containers, dlvd. lb. .35 - —
solut., 20%, bbls., c.l. dlvd..lb. .08 - —
l.c.l., 10 or over, dlvd. lb. .08½- —
1 to 9, dlvd.....lb. .09 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
Alumina chloride, cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., dlvd..lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l. .....lb. .19 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - —
l.c.l., works, frt. equaid.. 100 lbs. 1.40 - —
bbls., c.l., works.....100 lbs. 1.35 - —
l.c.l., works, frt. equaled, 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.60 - —
l.c.l., works.....100 lbs. 1.35 - —
bbls., c.l., works.....100 lbs. 1.60 - —
l.c.l., works.....100 lbs. 2.05 - —
Aluminum 98-99%, c.l.....lb. .18 - —
l.c.l. .....lb. .19 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .62 - —
ink, dms., 1,500 lbs.....lb. .72 - —
standard, dms., 1,500 lbs..lb. .39 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs..lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
lining, dms., 1,500 lbs....lb. .56 - —
standard, dms., 1,500 lbs..lb. .56 - —
rubber compound, dms., 1,500 lbs..lb. .39 - —
unpolished, dms., 1,500 lbs. lb. .36 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
standard, dms., 1,500 lbs..lb. .59 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz.17.00 -26.00
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms., works.....lb. .65 - .70
Anhydrous, fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va.....ton.90.00 - —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., dlvd., met. N. Y.. lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l. .....lb. .02¾- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —
Benzoate, dms., kgs., 4,000 lbs. or more..lb. .40 - —
1,000 lbs. to 3,900 lbs....lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., dlvd., Met. N. Y..lb. .0556- —
kgs., same basis.....lb. .0606- —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - —
bxs. .....lb. .34 - .35
kegs .....lb. .32 - —
Carbonate, lump, bbls., dlvd., Met. N.Y..lb. .08 - —
kgs., same basis.....lb. .11 - —
cns., same basis.....lb. .13½- —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
50-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .85 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure gran.....lb. .32 - —
Perchlorate, kgs.....lb. .17 Nom.
Persulphate, kgs., dom.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works.. unit-ton. 1.55 & .79
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .11½- —
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l. contr., f.o.b. cars, ports, July-Dec. shipt..ton.28.00 - —
spot, same basis.....ton.29.00 - —
Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.
Sulphide, liquid, 40-45%, basis, 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works.....lb. .12 - .13
tanks, dlvd.....lb. .07½- —
Ammonia, sulphide, red, 48%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.00 - 5.15
import, csks. .....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
cns., works.....lb. .16 - .18
ex Pentane, dms., c.l., frt. alld..lb. .10¼- —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .09¼- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .25 - —
Salicylate, 5 lbs., bots.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. 1.02 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .30 - .32
import, natural, bls.....lb. 1.75 - 1.80
twisted, bls.....lb. 1.95 - 2.00
Angostura bark, bls.....lb. .28 - .32
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .14 - .15
Cyprus, bgs.....lb. .16 - .16½
Mexican, bgs.....lb. .13½- .14
Spanish, bgs.....lb. .27½ Nom.
Star, bgs.....lb. .16 - .16½
Anisic aldehyde, bots.....lb. 2.85 - 2.90
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½- .07
Anthracene, 80 85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chlor'de, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, powd.....lb. .20 - .24
Oxide, bgs., c.l.....lb. .13 - .14
l.c.l. .....lb. .14½- —
Salt, 65%, dms.....lb. .80 - —
bbls. .....lb. .88 - —
White pigment, bgs., f.o.b. Laredo, Tex..lb. .13 - .16
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .12 - .13
Arecoline hydrobromide, bots..oz. 5.00 - 6.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .60 - .70
Root, bls.....lb. .43 - .55
Arrowroot, St. Vincent, powd. bgs..lb. .09 - .09½
bbls. .....lb. .09¼- .10
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.58 - —
jars .....lb. 5.48 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03¾- —
l.c.l. .....lb. .04 - —
Asafetida, cs.....lb. .83 - .84
powd., bbls., bxs.....lb. .56 - .57
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons). Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l. (30 tons). Canad. mines..ton.15.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b. plant.....lb. .04½- —
smaller lots, f.o.b. plant, lb. .05¼- —
process form, bgs., 20 tons, f.o.b. plant.....lb. .05 - —
smaller lots f.o.b. plant..lb. .06 - —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....tan.36.50 - —
Cuban A, bgs, c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.00 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.32.90 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.58.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans, refinery...gal. .06 - —
Atropine, bots.....oz. 5.75 - 6.00
Sulphate, bots.....oz. 4.00 - 4.75

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton.45.00 -47.00
99% thru 200 mesh, bgs., c.l., works..ton.47.00 -49.00
precip., bgs., c.l., works..ton.47.50 -50.00
l.c.l., works.....ton.52.50 -55.00
bbls., c.l., works.....ton.52.50 -55.00
l.c.l., works.....ton.57.50 -60.00
sulphur-free, bgs., c.l., works, ton.57.50 - —
l.c.l., works.....ton.62.50 - —
Chlorate, kgs.....lb. .26 Nom.
Chloride, CP, cryst., bbls....lb. .25 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis ton.90.00 - —
bbls., same basis...ton.92.00 - —
Zone 2, bgs., c.l. dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis...ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l. dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis.ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .15
Fluoride, bbls.....lb. .14 - .15
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .05½- .06
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .08½- .10½
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .12 - .16
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis. ton.22.85 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York.....ton.31.50 - —
Southern off color, bulk mines, ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
ungrd., bulk, c.l., ex dock.ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
Bauxite, bulk mines.....ton. 7.00 10.00
Bay leaves (see Laurel leaves)
Bay rum, import., bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .70 - .75
Root, bls.....lb. .78 - .80
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls..... .....lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .20 - —
tankcars, frt. alld. E. of Omaha, gal. .15 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .15 - —
Benzoyl chloride, cbys.....lb. .23 - .29
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cans....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .84 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns.....lb. 4.15 - 5.50
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb.17.25 -17.50
Hydrochloride, cns.....lb.17.25 -17.50
Sulphate, cns.....lb.17.25 -17.50
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fig. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots....lb. 1.45 - —
cns. .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib. dms.....lb. 1.13 - —
Subcarbonate, bots., cns.....lb. 1.82 - 2.06
fib. dms.....lb. 1.73 - 1.76
X-ray, 5-lb. bots.....lb. 3.02 - —
fib. dms.....lb. 2.96 - —
Subgallate, bots., cns.....lb. 1.77 - 2.06
fib. dms.....lb. 1.68 - 1.71
Subiodide, cns.....lb. 4.01 - —
fib. dms.....lb. 3.96 - —
Subnitrate, powd., bots., cns.lb. 1.57 - 1.83
fib. dms.....lb. 1.48 - 1.51

Bismuth, subsalicylate, 60-66%, bots..lb. 2.50 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt., alld. E..lb. .17 - —
l.c.l., frt. alld. E.....lb. .17½- —
3, bbls., bgs., c.l., frt. alld. E. lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
4, bbls., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E..lb. .11 - —
l.c.l., frt. alld. E.....lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03075- —
f.o.b. North Atlantic ports, lb. .03950- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07025- —
dlvd..lb. .07025- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .02925- —
f.o.b. North Atlantic ports, lb. .0380- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. 06525- —
dlvd..lb. .06525- —
bulk, cars, c.l., f.o.b. plants, lb. .02¾- —
f.o.b. New York harbor..lb. .0363- —
All carbon black prices are for delivery in Aug.-September.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .08½- —
2, bbls., l.c.l., works.....lb. .08 - —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., 3, works....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y...lb. .05½- —
works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
Black dyes are listed under Dyes.
Black Haw, root bark, bls....lb. .27 - .29
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - 23
Blanc fixe, dry, by-product, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
direct process, bgs., c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis....ton.75.00 -90.00
pulp, 66⅔%, bbls., c.l., works, ton.35.00 - —
l.c.l., works.....ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l.. works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.25 - —
high-grade, gr., 16-17 ammon., bulk., f.o.b. Chi., unit-ton. 2.50 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.30 - —
soluble (see Albumen, blood).
Bloodroot, bls.....lb. .11 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .13
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld.....lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
Potash, dom., bbls., same basis, alkali toner, contracts.lb. .42 - —
open order.....lb. .42 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
soluble, bbls., same basis, alkali toner, contracts.lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c., higher; 100-lb. kgs., 1c. above bbls., 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP, cns.....lb. 1.57 - 1.59
powd., cns.....lb. 1.60 - 1.62

Bluestone (see Copper sulphate)
Blue vitriol (see Copper sulphate)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.30.00 -33.00
import, bgs., c.i.f. ports..ton.31.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
import, 100-lbs., bgs., c.i.f. ports, ship..ton.32.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
Steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.28.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.34.50 - —
Boneset leaves, bls.....lb. .08½- .09
Borage flowers, bls.....lb. .35 - .45
Borax, tech., 99½% gran., bulk, c.l., frt. all..ton.40.50 - —
bgs., c.l., frt. alld.....ton.42.00 - —
ton lots, ex whse....ton.54.00 - —
less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld....ton.53.00 - —
ton lots, ex whse....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —
powd., bgs., c.l., frt. alld. ton.43.00 - —
ton lots, ex whse....ton.59.00 - —
less than ton lots, ex whse..ton.64.00 - —
bbls., c.l., frt. alld...ton.58.00 - —
ton lots, ex whse....ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —
USP, $15 per ton higher.

Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .25 - —
single pkg., same basis.lb. .30 - —
Bromoform, USP., 100-lb. lots, bots..lb. 1.50 - —
cbys. .....lb. 1.42 - —
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls.....lb. .12 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y..lb. .11¼- —
Metallic, iron oxide, bbls., wks., lb. .02¼- —
paper bags., c.l., works....lb. .0210- —
Brown, Sienna burnt, American, bbls., f.o.b. works..lb. .03½- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12¾- —
2, bbls., same basis....lb. .11¾- —
3, bbls., same basis....lb. .10¾- —
4, bbls., same basis....lb. .09 - —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .06½- —

Bismuth Sub.—Brown, Umber

Brown, Sienna, Italian, group 7, bbls., same basis...lb. .08¼- —
8, bbls., same basis...lb. .08 - —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis...lb. .07½- —
11, bbls., same basis...lb. .07 - —
12, bbls., same basis...lb. .06½- —
13, bbls., same basis...lb. .06¼- —
14, bbls., same basis...lb. .05¾- —
raw, American, bbls., f.o.b. works..lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12¾- —
2 bbls., same basis...lb. 11¾- —
3, bbls., same basis...lb. .12¾- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09¼- —
6, bbls., same basis...lb. .08¾- —
7, bbls., same basis...lb. .09 - —
8, bbls., same basis...lb. .07½- —
9, bbls., same basis...lb. .07 - —
10, bbls., same basis...lb. .06¼- —
11, bbls., same basis...lb. .05¼- —
Umber, American, bbls., works, lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .04¼- —
St. Louis.....lb. .04¾- —
l.c.l., ex car Los Angeles, Portland, San Francisco, Seattle..lb. .05 - —
ex whse., Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —

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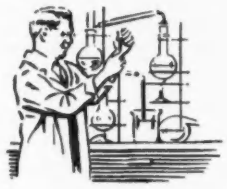

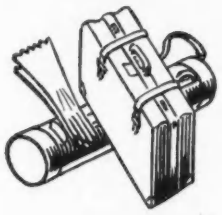

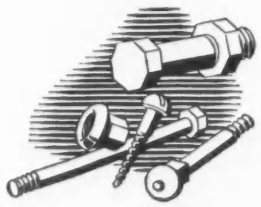

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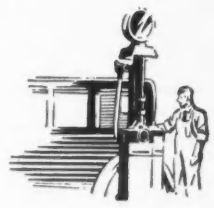

ACIDS • HEAVY CHEMICALS • ZINC • SPECIALTIES

DU PONT

E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED
GRASSELLI CHEMICALS DEPARTMENT
WILMINGTON, DELAWARE

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Brown, Umber—Cyclohexane

Brown, umber, Turkey, bbls.. l.c.l., ex whse., Boston..lb. .04½- —
Chicago, Indianapolis, New Orleans..lb. .05 - —
Kansas City.....lb. .05½- —
Minneapolis .....lb. .0510- —
Pittsburgh .....lb. .04¾- —
Vandyke, bbls., l.c.l.....lb. No prices
Walnut crystals, bbls.....lb. .06½- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .28 - .30
Buchu leaves, bls.....lb. .62 - .65
Buckthorn bark, true, bls.....lb. .45 - .50
cut and sifted, bbls.....lb. No prices
Berries, bgs.....lb. .28 - .30
Burdock root, bls.....lb. .19 - .24
Burgundy pitch, dom., dms....lb. .05½- .06
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks.. lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
tanks, frt. alld.....lb. .08 - —
tankwagons, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .07½- —
dms., l.c.l., same terms..lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17¼
tanks, works.....lb. .14½- —
Carbitol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .30 - —
l.c.l. .....lb. .33 - —
Crotonate, norml, 55-gal. dms., dlvd..lb. .35 - —
5-gal. cns.....lb. .75 - —
1-gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .28½- —
Butyric ether, bots.....gal. 6.60 - 6.95
cns. works.....lb. .65 - .70
dms., frt. alld. Met. N. Y...lb. .60 - —
Butane, coml,, 16-34°, tanks, group 3..gal. .02½- .03

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Cyanide, 25-lb. bots., dlvd...lb. 3.00 - —
25-lb. cks., dlvd.....lb. 3.50 - —
Iodide, 5-lb. bots.....lb. 4.19 - —
25-lb. cns.....lb. 4.05 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .85 - —
ingots or sticks.....lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 10,000 lbs. or more, 100 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100 lb. dms.. lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lb. cns.....lb. 2.70 - —
1,000 lbs. or more, 100 lb. dms.. lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. dms.....lb. 2.75 - —
100 lbs. or more, 100 lb. dms..lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10 lb. cns..lb. 3.15 - —
5 lb. cns.....lb. 3.10 - 3.25
Citrated, cans.....lb. 2.00 - 2.30
Hydrobromide, bots.....lb. 5.21 - 5.29
Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs., lb. .40 - .45
bleached, bls.....lb. 1.00 - 1.25
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l.....lb. .06¼- —
l.c.l. .....lb. .06¾- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., dlvd.100 lbs. 4.75 - —
l.c.l., f.o.b. wareheuse..... 100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dms., 77-88%, dms., c.l., dlvd..lb.20.50 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.19.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.53 - 2.25
Gluconate, USP, gran., powd., 150-lb. bbls..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots. jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports..ton. No prices
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f., Atlantic ports, shipt...unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .22½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls., 200 lbs. lb. .47 - .48
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .60 - .72
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.95 - —
Camphor, natural, powd., cs..lb. .83 - .84
slabs, cs.....lb. .83 - .84
tablets, tins.....lb. .87 - .88
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works....lb. .41 - —
Camphor, synth., dom., USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots....lb. .73 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.05
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0340- .0360
Morocco, bgs.....lb. .0370- .0390
Turkish, bgs.....lb. .0330-.0360
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 2.25 - 2.30
powd., bxs.....lb. 2.50 - 2.55
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .22 - .23
Russian, bgs.....lb. .21 - .22
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works...lb. .75 - —
smaller quantities, works...lb. .85 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., frt., alld..lb. .22½- —
l.c.l., frt. alld.....lb. .23½- —
tanks, frt., alld.....lb. .21½- —
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.10 - 1.60
decorticated, cs.....lb. .84 - .85
green, bgs.....lb. .65 - .66
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .14 - .16
Case - hardening mixture, 30% lump, dms., l.c.l...lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .13½- .14½
5 tons, works.....lb. .14 - .15
smaller lots, works.....lb. .14½- .15½
80-100 mesh, bgs., c.l.....lb. .14 - .15
5 tons, works.....lb. .14½- .15½
smaller lots, works.....lb. .15 - .16
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .11½- .12½
80-100 mesh, bgs., c.l., duty paid..lb. .12 - .13
French, 80 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls.lb. .17¼- .17¾
No. 1, regular, bls.....lb. .16 - .16½
shortstick, bls. .....lb. .13 - .13½
broken, bls.....lb. .12¼- .12¾
China, rolls, select, bls.....lb. .09¾- .10
broken, extra, bls.....lb. .09½- .10
Saigon, bls.....lb. .15 - .16
Cassia buds, cs.....lb. .13¼- .13½
Cassia fistula, bskts.....lb. .16 - .18
Castile soap, Italian, white, bars, 40-lb. cases..case.14.00 - —
powd., bbls.....lb. .33 - .34
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, ship't., c&f, N.Y..ton.48.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.15.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .39 - .40
Indian, bgs.....lb. .16 - .17
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld.....lb. .47 - —
smaller pkg., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld.....lb. .43 - —
smaller pkg., works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld.....lb. .45 - —
smaller pkg., works.....lb. .46 - —
Acetate-propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt.allb..lb. .45 - —
1,000-4,900 lbs., frt. allb.lb. .46 - —
100-900 lbs., frt. allb.....lb. .47 - —
smaller pkg., works.....lb. .48 - —
Cellulose, acetate, proprionate, low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. allb.lb. .41 - —
1,000-4,900 lbs., frt. allb.lb. .42 - —
100-900 lbs., frt. allb.....lb. .43 - —
smaller pkg., works.....lb. .44 - —
Cellulose, acetate-propionate, medium (10-19.9%), 100-lb. ctn., 5,000 lbs. and up, frt. allb., lb. .43 - —
1,000-4,900 lbs., frt. allb.lb. .44 - —
100-900 lbs., frt. allb.....lb. .45 - —
smaller pkg., works.....lb. .46 - —
Triacetate, flake, frt. allb....lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .55 - —
kgs., works.....lb. .57 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .70 - .75
Roman, bls.....lb. 1.40 - 1.45
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.32.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.32.80 - —
grd., bgs., c.l., dlvd., Ill., (except river point), Minn., Neb., Wis. ton.27.00 - —
Indiana .....ton.28.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia.....ton.25.00 - —
Kansas, El Paso, Tex. ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio .....ton.29.80 - —
Penn. .....ton.31.80 - —
Utah .....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02½- —
l.c.l., bbls., works.....lb. .02¾- —
tanks, works.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works, ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works.ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., cks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.l., ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05½- —
l.c.l., dlvd., N. Y.....lb. .07¼- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt. equald..100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.15 - —
1, works, frt. equald., 100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, com'l, 180-lb. cyls., works..lb. .80 - —
100-lb. cyls., works.....lb. .85 - —
5-25-lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½%, cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. .75 - .80
20 in., thick, cs.....lb. .75 - .80
20 in., medium, cs.....lb. .75 - .80
USP, broken quill, red, bgs., lb. .21 - .23
yellow, bgs.....lb. .21 - .23
Cinchonidine, small cryst., cns., 100 ozs..oz. .86 - —
large cryst., cns., 100 ozs., oz. .90 - —
powd., cns.....100 ozs..oz. .83 - —
Sulphate, N.F., cns.100 ozs..oz. .50 - —

Cinchonidine buyers must pay a surcharge of 7c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, small cryst., cns., 100 ozs..oz. .58 - —
large cryst., cns., 100 ozs., oz. .62 - —
powd., cns.....100 ozs..oz. .54 - —
Sulphate, N.F., cns.100 ozs..oz. .38 - —

Cinchonine buyers must pay a surcharge of 7c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 25-lb. fib. dms., lb. 3.40 - —
1 and 5-lb. bots.....lb. 3.50 - 3.55
100 lbs., dms.....lb. 3.30 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .16¾- .17¼
3 bls.....lb. .16¼- .16¾
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars.....lb. .95 - .97
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.85
Clove, Amboyna, bgs.....lb. .24½- .25
Madagascar, bls.....lb. .16 - .16½
Zanzibar, bls.....lb. .16 - .16½
Clover tops, red, bgs.....lb. .40 - .45
dom., bgs.....lb. .33 - .35
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
Coaltar, water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .80½- —
Carbonate, powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works.....lb. .85 - —
Hydrate, bbls.....lb. 1.98 - —
Linoleate, paste, 5%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .53 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13½- —
1 %, bbls.....lb. .13 - —
2 %, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .1065- .1075
Cocillana bark, bgs.....lb. .28 - .30
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 oz.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08
Colchicine, bots., cns.....oz.20.00 -25.00
Colchicum seed, bgs.....lb. 1.05 Nom.
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
flexible, USP, dms., 325 lbs..lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .55 - .56
Colombo root, bls.....lb. .15 - .16
Coltsfoot leaves, bgs.....lb. .25 - .27
Condurango bark, bgs.....lb. .11 - .12
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns.....lb. .31 - .32
S.A., USP, cns.....lb. .33 - .34
Copper acetate, normal, bbls., dlvd..lb. .22 - —
smaller containers, dlvd..lb. .24 - —
Carbonate, 52-54%, bbls.....lb. .1610- —
Chloride, cryst., bbls.....lb. .16 - —
Cyanide, tech., bbls.....lb. .34 Nom.
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .10¾- .11
Nitrate, cryst., bbls.....lb. .16¼- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, 79-80%, bbls., tons, works..lb. .18 - —
Red, com'l., 80-88%, kgs., f.o.b. N.Y..lb. .19½- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23½- .24½
Sulphate, 99% cryst., bbls., c.l., f.o.b. works..100 lbs. 4.45 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.60 - —
6-15 bbls., same basis, 100 lbs. 4.80 - —
1-5 bbls., same basis, 100 lbs. 5.05 - —
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 8.95 - 9.20
l.c.l., dealers.....100 lbs. 9.95 -10.20
Copperas, cryst., gran., bgs., c.l., works..ton.18.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
5-24, works.....100 lbs. 1.65 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0140 Nom.
Coriander seed, Morocco, bgs..lb. .04¾- .05
bleached, bgs.....lb. .08 - .08½
Corn sugar, tanner's chipped, bgs., c.l., dlvd..100 lbs. 3.39 - —
slabs, bbls., c.l.....100 lbs. 3.31 - —
solid, bbls., c.l.....100 lbs. 3.43 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.42 - —
43°, bbls., c.l.....100 lbs. 3.47 - —
Cornsilk, bls.....lb. .15 - .16
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.29 - —
gran., powd., dms., 50 lbs. or more..lb. 2.24 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed, hull ash, 32-36% pot-ash. bgs., dlvd., unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .34¼- —
smaller lots, bbls.....lb. .34¾- —
kgs. .....lb. .35¼- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works...gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .09¾- —
l.c.l., same basis.....lb. .10¼- —
special resin grade, dms., c.l., works..lb. .08¾- —
l.c.l., same basis.....lb. .09¼- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28

4% rotenone prices are 4c. per lb. less.

Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .42 - .44
powd., cs.....lb. .47 - .48
Culver's root, bls.....lb. .16 - .17
Cumin seed, Morocco, bgs.....lb. .17½- .18
Cyprus, bgs.....lb. .16 - .16½
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04½- —
Cyanamide, 22% N_2, pulv., bgs., dlvd., contracts, N...unit-ton. 1.40 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lumn, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .25 - —

Cyclohexanol,98-100%, dms., works, frt. alld. E. of Rockies...lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .40 - —

D

Damiana leaves, bls.....lb. .17 - .24
Dandelion root, German, bls...lb. .55 - .60
Deertongue leaves, bls.....lb. .12 - .14
Degras common, dom., bbls...lb. .08 - .09½
neutral, dom., bbls.....lb. .13½- .16½
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y., frt. equal'd, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs. to 10,000 lbs.....lb. .26 - .30
1,000 lbs. to 2,000 lbs.....lb. .28 - .32
200 lbs. to 1,000 lbs.....lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contracts are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.25
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.05 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.15 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.00 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Potato, import, bgs.....lb. .08½ Nom.
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., l.c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -50.00
import, bgs., c.l., c.i.f.....ton. No prices
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .51 - .53
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25¼
Sebacate, dms., works.....lb. .50 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0221- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylcarbonate, coml., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Oxalate, dms., l.c.l., dlvd....lb. .27 - —
Phthalate, dms., c.l., frt. alld., lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .35 - .40
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .12 - .13
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylanilin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd..... .....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls, 80° min., lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .45 - .48
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Dimethylethyl carbinol (see Carbinol).
Doggrass root, cut, N. F., bls.lb. .35 - .40
Dogwood bark, Jamaica, bls., lb. .08 - .10
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1 cns..lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
FD&C green, No. 2, cns....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
Green, FD&C green, No. 1, cns. lb.13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 8.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4, cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1, lb. 8.35 - —
Blue, D&C blue, No. 6....lb.13.50 - —
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4 cns....lb.15.35 - —
D&C orange, No. 10, cns..lb.15.85 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C, red, No. 17.....lb. 8.35 - —
D&C, red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Blue, Ext.D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext.D&C, green, No. 1, cns..lb.12.35 - —
Red, Ext.D&C, red, No. 1, cns..lb.10.35 - —
Ext.D&C, red, No. 3.....lb.21.85 - —
Ext.D&C, red, No. 8.....lb. 7.85 - —
Ext.D&C, red, No. 10, cns.. lb.12.35 - —
Ext.D&C, red, No. 13, cns.. lb.12.35 - —
Yellow, Ext.D&C, yellow, No. 1, cns..lb. 8.35 - —

Cyclohexanol—Dyes

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .75
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .70 - .80
176 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan.....lb. .30 - .50
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B...lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
865 Nigrosin derivatives...lb. .38 - .62
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade....lb. .75 - —

We solicit inquiries for

Tartaric Acid U.S.P.

Powder, Granular or Crystalline

We are in a position to deliver any of the above grades in any desired screen analysis and to meet the most rigid specifications for uniformity.

For export, consult us regarding "in bond" prices

We also solicit inquiries for Cream of Tartar, Rochelle Salt and Citric Acid

LECITHIN • SAPONIN • ACETIC ANHYDRIDE
ETHYLENE DIAMINE • SODIUM PERBORATE

NEUBERG CHEMICAL CORPORATION
441 LEXINGTON AVENUE, NEW YORK CITY • TELEPHONE MURRAY HILL 6-1990

Dyes—Gum, Copal

Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Red:—
75 Sudan II.....lb. 1.05 - —
238 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
804 Nigrosin .....lb. .38 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base...lb. .85 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G...lb. .40 - .52
332 Bismarck Brown R...lb. .40 - .52
708 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B...lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .18
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .59 - .62
imported .....lb. .50 - .55
Elder flowers, bright, bls.....lb. .50 - .55
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls, bxs.....lb. .19 - .20
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots...oz.24.00 -28.00
Ephedra, bls.....lb. .12 - .18
Ephedrine, tins, 1,000 ozs.....oz. .85 - —
tins, 100 ozs.....oz. .95 - —
Hydrochloride, tins, 1,000-oz lots..oz. .65 - —
tins, 100-oz. lots.....oz. .75 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. .65 - —
tins, 100-oz. lots.....oz. .75 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 2.75 - 2.80
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.36.00 - —
Sulphate, bots.....oz.36.00 - —
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .25 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works....lb. .08 - —
l.c.l., works.....lb. .09 - —
Ether, USP, anesthesia, dms., 27 lbs..lb. .26 - —
lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
95-98%, dms., c.l., frt. alld.lb. .07¼- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N.F., 460-lb. dms.....lb. .09½- —
cns., 35 lbs.....lb. .14 - —
Acetoacetate, dms., c.l., wks.lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55-gal. dms., dlvd., lb. .35 - —
1-gal. cns.....lb. 1.00 - —
5 and 10-gal. dms., dlvd....lb. .75 - —
Formate, cns., dms.....lb. .25 - .26
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works.lb. .33½- —
5-gal. dms., works.....lb. .37½- .39½
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots, cns.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
500 lbs. or more, frt. alld., lb. .47 - —
500 lbs. or more, frt. alld.lb. .48 - —
100 to 499 lbs., frt. alld..lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0595- —
West of Rockies, same basis..lb. .0644- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0694- —
West of Rockies, same basis..lb. .0743- —
Ethylenegiycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l.,works, lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l.,works, lb. .14½- —
l.c.l., works.....lb. .15½- .18½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .80 - .85
Eucalyptus leaves, bls.....lb. .11 - .12
Eugenol, cns., dms.....lb. 1.75 - 2.00
Euphorbia, bls.....lb. .10 - .11

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
l.c.l., minimum 2 tons..ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N. C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons.ton.20.00 -22.00
Fennel seed, Indian, bgs.....lb. .13½- .14
French, bgs.....lb. .35 Nom.
German, large, bgs.....lb. .33 Nom.
Roumanian, bgs.....lb. .14 - .14½
Fenugreek seed, bgs.....lb. .04½- .05
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .13 - —
smaller lots, works...lb. .14 - —
light, cs., 1,000 lbs. or over, works..lb. .14 - —
smaller Lts, works....lb. .15 - —
water white, cs., 1,000 lbs. or over, works..lb. .15 - —
smaller lots, works....lb. .16 - —
Fir balsam, Canada, cns....gal.15.50 -16.00
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .15 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.25 & .10
bgs., f.o.b. Balto...ton.50.00 - —
6-7% ammon., 3% phosphor, acid, bulk, So. Atlantic factories, contracts..... unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Aug. shipt..ton.52.00 - —
spot..ton.52.00 - —
Flake white, dom., bbls.....lb. .08¾- —
kegs .....lb. .10¾- —
Fleaseed, French, black, bgs..lb. .32 - .35
Indian, blonde, bgs.....lb. .09 - .10
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton.32.60 - —
washed gravel, 85.5 f.o.b. Ky. and Ill.-Ky. mines..net ton.20.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.20.00 - —
imported, 85.5, duty paid, short ton. No prices
Formaldehyde, bbls., c.l., works, lb. .0550- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0515- —
l.c.l., works.....lb. .0565- —
tanks, works.....lb. .04 - —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.15.00 - —
import., bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl. dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls....lb. .24 - .25
liquid, bbls.....lb. .10½- .14
solid, dms.....lb. .19 - .21

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .13
Gambier, common, cases.....lb. .07 Nom.
plantation, cases.....lb. .10-.10½ Nom.
Cubes, Singapore, cases.lb. .10-.10½ Nom.
extract, bbls.....lb. .09½- .12
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06- .06½
65 octane and above, tanks, gal.: .06¾- .07½
California, 54-58, tanks...gal. .05 - .06½
Gulf Coast, U. S. Motor, bulk, gal. .05¼- —
60-62, 390 e.p., bulk, export, gal. .05¼- —
63-67, 375 e.p., bulk, export, gal. .05½- —
70-72, 400 e.p., bulk, export, gal. .06 - —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04½- .04¼
63-66 octane, tanks....gal. .04¾- .04½
67-69 octane, tanks....gal. .04¾- .04½
70-72 octane, tanks....gal. .05 - .05¼
Oklahoma-Texas, Us motor, 62 octane and below, tanks..gal. .03¾- .04
third grade, tanks.....gal. .03¾- .04
63-66 octane, tanks....gal. .03¾- .04¾
67-69 octane, tanks....gal. .03¾- .04¼
70-72 octane, tanks....gal. .04¼- .04¾
natural, 12-lb. v.p., tanks, gal. .01½- .01¾
14-lb. v.p. tanks.....gal. .01¼- .01½
18-lb. v.p., tanks.....gal. .01½- .01¾
22-lb. v.p., tanks.....gal. .02 - —
26-70-lb. v.p., tanks..gal. .01¼- .01½
below 60 octane, tanks.gal. .02 - —
65 octane, tanks.....gal. .04 - —
52-54 450 e.p., naphtha, tanks..gal. .03 - —
gal. .01½- .01¾
14-lb. v.p. tanks.....gal. .01¼- .01½
Gelatine, silver, cs.....lb. .42 - .43
Gelsemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .18 - .20
grd., bbls., bxs.....lb. .23 - .25
powd., bbls., bxs.....lb. .24 - .26
Geraniol, cns., dms.....lb. .60 - 2.00
Ginger root, African, bgs.....lb. .06 - .06½
Cochin, lemon, bgs.....lb. .10¾- .11
Jamaica, bold, bgs.....lb. .10 - .10¼
medium, bgs.....lb. .10½- .11
grinding, bright, bgs.....lb. .09½- .10
Japanese, bgs.....lb. .08 - .08¼
Ginseng root, wild Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works.... 100 lbs. 1.05 - 1.25
less than 5 tons, woks. 100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
36/58, bgs., c.l., dlvd....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
38/82, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
82/108, bgs., c.l., dlvd....lb. .15 - —
l.c.l., dlvd.....lb. .15½- —
58 millipoise, 135 jellygrams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
l.c.l., same basis.....lb. .18 - —
hide, calcimine type, 75/222, bgs., c.l., same basis..lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251, bgs., c.l., same basis, lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283, bgs., c.l., same basis..lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis..lb. .21 - —
l.c.l., same basis.....lb. .22 - —
118/347, bgs., c.l., same basis..lb. .22 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms, c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.lb. .13 Nom.
l.c.l., same basis....lb. .14 Nom.
tanks .....lb. .12 Nom.
for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .09
soapiye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾- .08¼
Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate dms.....lb. .26 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots...oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs....lb. .14½- —
Goldenseal, root, bls.....lb. 3.25 - 3.30
powd., bxs.....lb. 3.60 - 3.65
Grains of paradise, bgs.....lb. .48 - .50
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon., bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, loose.....lb. .03¼ Nom.
white .....lb. .03¾ Nom.
yellow .....lb. .03¼ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
Green, chrome, prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 5%, same basis..lb. .06 - —
@ 10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis, lb. .07½- —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis. lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Tetrahydroxide, bbls.....lb. .88 - —
Paris (see P).
Tungstated, brilliant, kgs.....lb. 3.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .80 - .85
Wood, bls.....lb. .04 - .05
Guaiacol, liq., dms.....lb. 1.65 - 1.67
Carbonate, fib., dms., 25 lbs..lb. 2.40 - 2.74
Guarana powd., cs.....lb. 1.20 - 1.25
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber, sorts, cleaned, bgs..lb. .14 - .15
white, sorts, 1, bgs.....lb. .35 - .36
powd., bbls.....lb. .18 - .20
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .18 - .20
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. No prices
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
Copal, Congo, 1, water white, bgs., c.l., same basis..lb. .29½- —
2, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
3, pale bold straw, bgs., c.l., same basis..lb. .24 - —
4, pale straw bold, bgs., c.l., same basis..lb. .22¾- —
5, pale amber bold, bgs., c.l., same basis..lb. .21½- —
6, pale amber bold, bgs., c.l., same basis..lb. .17 - —
7, light amber bold, bgs., c.l., same basis..lb. .17 - —
8, medium light amber bold, bgs., c.l., same basis..lb. .13½- —
9, rescraped hard amber, bold, bgs., c.l., same basis..lb. .13¾- —
10, hard dark amber bold, bgs., c.l., same basis..lb. .12¾- —
11, selected bold sorts, bgs., c.l., same basis..lb. .11¾- —
12, dark sorts bold, bgs., c.l., same basis..lb. .09¼- —
13, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23¾- —
14, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
15, inferior ivory sorts, bgs., c.l., same basis..lb. .09¼- —
16, pale, fingers, bgs., c.l., same basis..lb. .18¾- —
17, pale straw nubs, bgs., c.l., same basis..lb. .19¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .18¾- —
19, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
20, ordinary selected nubs, c.l., same basis..lb. .12¾- —
21, small mixed nubs, bgs., c.l., same basis..lb. .10¾- —
22, dark mixed nubs, bgs., c.l., same basis..lb. .11¾- —
23, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —
24, No. 2, natural ivory nubs, bgs., c.l., same basis..lb. .09½- —
25, pale small nubs, c.l., same basis..lb. .10¾- —
26, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
27, pale dust, bgs., c.l., same basis..lb. .06¾- —
Batu, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .06¼- —
chips, bgs., c.l., same basis..lb. .05¼- —
dust, bgs., c.l., same basis..lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .05¼- —
black, bold, scraped, bgs., c.l., same basis..lb. .09¼- —
unscraped, bgs., c.l., same basis..lb. .06¼- —
nubs and chips, bgs., c.l., same basis..lb. .06¼- —
Hiroe, Macassar, pale bold, bgs., c.l., same basis..lb. .13¾- —
chips, bgs., c.l., same basis, lb. .07¼- —
dust, bgs., c.l., same basis. lb. .05¼- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis. lb. .08¼- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis, lb. .11 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13¾- —
light, bskts., c.l., same basis..lb. .15¾- —

Gum, copal, Manila, Loba A, bskts., c.l., same basis...lb. .14¼- —
B, bskts., c.l., same basis. lb. .13¾- —
C. bskts., c.l., same basis, lb. .13¼- —
CNE, bskts., c.l., same basis..lb. .10¼- —
D, bskts., c.l., same basis. lb. .12¾- —
DK, bskts., c.l., same basis. lb. .09¾- —
dust, bskts., c.l., same basis..lb . .06¾- —
Sambas and white split chips, bskts., c.l., same basis..lb. .15¾- —
Singapore, dust., bskts., c.l., same basis..lb. .06¾- —
spirit-soluble, CBB, bskts., basis..lb. .12½- —
DBB, bskts., c.l., same basis. lb. .12¼- —
MA, bskts., c.l., same basis. lb. .09 - —
MB, bskts., c.l., same basis. lb. .08½- —
Manila, WS, bskts., c.l., same basis..lb. .12½- —
A/D, cs., c.l., same basis.lb. .13¾- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .09¾- —
chips, pale, bskts., c.l., same basis..lb. .13 - —
pale, small, bskts., c.l., same basis..lb. .11¼- —
extra pale sorts, bskts., c.l., same basis..lb. .12½- —
nubs, bskts., c.l., same basis ..lb. .14¼- —
pale, scraped, bskts., c.l., same basis..lb. .15¾- —
seeds and dust, bskts., c.l., same basis..lb. .08¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¾- —
mixed, bgs., c.l., same basis. lb. .14¾- —
split, bgs., c.l., same basis. lb. .13¾- —
Chips, bgs., c.l., same basis.lb. .10 - —
nubs, bgs., c.l., same basis. lb. .12¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21¾- —
A/C, cs., c.l., same basis.lb. .15¼- —
A/E, cs., c.l., same basis.lb. .12¾- —
B, cs., c.l., same basis...lb. .20¼- —
C, cs., c.l., same basis...lb. .14¾- —
D, cs., c.l., same basis...lb. .13¼- —
dust, cs., c.l., same basis.lb. .07⅝- —
E, cs., c.l., same basis...lb. .10 - —
F, cs., c.l., same basis...lb. .08 - —
Singapore, 1, cs., c.l., same basis..lb. .16¾- —
2, cs. c.l., same basis....lb. .12¼- —
3, cs., c.l., same basis.....lb. .07⅞- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis.lb. .07⅛- —
seeds, cs., c.l., same basis.lb. .09⅞- —
Elemi, cns., c.l., same basis as copal..lb. .10½- —
Ester, dms., divd., New England, N. J., eastern N. Y. and Pa., Del. and Md., 75,000 lbs., contrs. or single shipt., 19,000 lbs.....lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
divd., Western N.Y. and Pa., Ohio, Mich., In.,.. Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N.C., 75,000 lbs., contrs. or straight c.l. lb. .06¾- .07
divd. elsewhere, 75,000 lbs., contrs. or straight, c.l..lb. .07 - .07⅛
l.c.l.. same basis.....lb. .07¼- .07¾
Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.50 - 1.60
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l.lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, c.s., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis...lb. .41 - —
2, cs., c.l., same basis...lb. .24 - —
3, cs., c.l., same basis...lb. .17¾- —
Kino, tins.....lb. 4.00 - 4.50
Locust bean, powd., bbls.....lb Nominal
Mastic, cs., c.l., same basis as copal..lb. 1.15 Nom.
Myrrh, USP, cs.....lb. .55 - .60
Olibanum, siftings, cs.....lb. .09 - .10
tears, cs.....lb. .20 - .35
Opium (see O).
Rosin (see R).
Sandarac, cks., c.l., same basis as copal..lb. .40 - .45
Scammony, cs.....lb. 1.10 - 1.15
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.15.00 -15.25
Tragacanth, Alleppo, 1, cs...lb. .3.50 - 3.75
2 cs.....lb. 3.35 - 3.60
3 cs.....lb. 2.90 - 3.10
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
bgs., c.l., f.o.b. New Brighton, N. Y., frt. equald..ton.27.65 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
plaster of Paris, paper bgs., c.l., f.o.b. Blue Rapids, Kans., frt equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.13.00 - —
f.o.b. Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
stucco, paper bags, c.l., f.o.b. Acme Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.60 - —
Gypsum, terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald.....ton.12.00 - —
import, bgs., ex dock.....ton.28.00 Nom

H

Hawthorn berries, bgs.....lb. .26 - .28
Heliotropin, cryst., cns.....lb. 3.00 - 3.20
Hellebore root, white, powd., bbls., lb. .18 - .19
Helonias root, bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03¼- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .07 - .07½
Henbane leaves, bls.....lb. .70 - .85
Henna leaves, bls.....lb. .14 - .15
powd., bbls., bxs.....lb. .20 - .21
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
Normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexaldehyde, normal, dms., l.c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexane, laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .25 - —
Homatropine hydrobromide, bots., 25 ozs..oz.13.00 -13.25
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 2.25 - 2.40
Hops, N. F., bls.....lb. .20 - .21
Horehound, bls.....lb. .12 - .13
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs..oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.21.75 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. River..lb. .20 - —
Hydroquinone, dealers, bbls., dms., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.50.00 -60.00
Hydrochloride, bots.....oz.50.00 -60.00
Hyoscyamine, 5 gr., bots.....bot. .60 - —
Hydrobromide, 5 gr., bots..bot. .60 - —
Sulphate, 5 gr., bots.....bot. .60 - —
Hypernic, ext. liquid, 50°, bbls., lb. .14 - —

I

Iceland moss, bls.....lb. .25 - .27
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse., Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 2.25 - —
jars, 50 lbs.....lb. 2.15 - —
tincture, USP, bbls., 47 gals.gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.45 - 1.50
powd., bxs.....lb. 1.55 - 1.60
Irish moss, ordinary, bls.....lb. .15 - .16
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .30 - .32
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lyb. .04 - —
Chloride (ferric), tech., anhydr., 390-lbs. drms..100 lbs. 4.65 - 6.25
150-lb. drms.....100 lbs. 5.00 - 5.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —

Gum, Copal—Iron Chloride

HE SELLS HIS TURPENTINE THE MODERN WAY!

LIKE the day of the old grocery store cracker barrel, the day of packaging and merchandising turpentine in bulk is vanishing. Today, more and more producers of turpentine are proving that the key to increased sales and better protection of their products and profits is modern unit packaging—in distinctively designed, high-quality Continental containers. And that goes for allied products—liquid polishes, waxes, oils, stains, and many others.

The trend toward packaging turpentine in cans is comparatively recent, but it has grown rapidly—phenomenally.

AND HERE'S WHY:

1. *Cans have greater display value, eye appeal on the shelf.* A barrel hidden away in a store cellar can't stimulate sales.

2. *Cans are more convenient for consumers to buy and use.* No miscellaneous bottles or containers to bother with.

3. *Cans eliminate barrel shrinkage.* Evaporation costs hardware retailers money.

4. *Cans help to prevent adulteration and substitution.* Consumers know what grade and brand they're getting.

5. *Cans open wide opportunities to promote the many new uses for turpentine and increase the number of users.* Turpentine isn't just a paint thinner any more!

There's another big reason why the Continental "F" style can you see above is the popular choice of this trend. Continental's packaging experts—specialists in conceiving and translating merchandising ideas into color, design, and style—are always ready to help you make your product easier to pack, sell, and use . . . to suggest improvements on present designs or to create entirely new arrangements. You can be sure of highest quality cans, colorfully lithographed the way you want them, prompt shipments and deliveries, *complete* service—when you do business with Continental. Just call on us any time.

CONTINENTAL CAN COMPANY

NEW YORK • CHICAGO • SAN FRANCISCO • MONTREAL • TORONTO • HAVANA

Iron Chloride—Mesityl Oxide

Iron, chloride, solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns. .lb. .07½- —
USP VIII, pearls.lb. .72 - .75
powd., cns.lb. .84 - .87
scales, cns.lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.lb. 3.25 - —
cns., 25 lbs.lb. 3.37 - —
Hypophosphite, cns.lb. 1.55 - 1.60
Iodide, bots.lb. 3.18 - 3.32
syrup, djns.lb. .89 - —
bots.lb. .53 - —
Nitrate, coml., kgs.lb. .02¾- .03
Oxalate, powd., kgs.lb. .47 - —
cns.lb. .52 - —
scales, cns.lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs...lb. .54 - —
25 lbs.lb. .57 - —
scale, cns., 50 lbs.lb. .59 - —
25 lbs.lb. .62 - —
ferrous, 200-lb. bbls.lb. .35 - —
25-lb. bxs.lb. .40 - —
100-lb. kgs.lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.lb. .64 - .67
Reduced, 90%, cs.lb. .65 - .75
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04¼- —
dms., 100 lbs.lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.lb. .35 - .38
scales, cns.lb. .47 - .50
green, gran., cns.lb. .35 - .38
pearls, cns.lb. .35 - .38
scales, cns.lb. .47 - .50
Iron-ammonia oxalate, bxs....lb. .30 - —
fib. dms.lb. .23½- —
kgs.lb. .25½- —
Iron-potash oxalate, bbls.lb. .42 - —
kgs.lb. .44 - —
jars.lb. .48 - —
Iron-soda oxalate, bxs.lb. .30 - —
fib. dms.lb. .23½- —
kgs.lb. .25½- —
Isobutylacetate, 55-gal. dms., works..lb. .069 - —
tanks, works.lb. .059 - —
propionate, dms., works.lb. .09 - —
Isopentane, dms., works.lb. .48 - —
small lots, works.lb. .50 - —
Isophorone, dms., works.lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .10½- —
55 gals., c.l., E. of Rockies, frt. alld..lb. .07 - —
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .07½- —
tanks, E. of Rockies, frt. alld..lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gal., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.lb. .11 - .12
Jalap root, NF, bls.lb. .30 - .35
powd., bbls., bxs.lb. .32 - .37
resin, lump, 100-lb. lots, cns.lb. 5.85 - —
powd., bxs.lb. 5.90 - —
Juniper berries, ordinary, bgs., lb. .26 - .28
hand picked, bgs.lb. .32 - .34

K

Kamala, tins.lb. .33 - .35
Kaolin (see China clay).
Kava kava root, bls.lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0590- .06½
Gulf ports, p.w., bulk.gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03⅞- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04
42-44 w.w., tanks.gal. .03⅞- .04⅛
Pennsylvania, 45 w.w., tanks, gal. .05 - .05¼
46 w.w., tanks.gal. .05⅛- .05¼
47 w.w., tanks.gal. .05¼- .05⅜
Kerosene, tankwagon:—
Atlanta.gal. .10 - —
Boston.gal. .0830- —
Chicago.gal. .10 - —
Cincinnati.gal. .12 - —
Denver.gal. .10½- —
Louisville.gal. .09 - —
Minneapolis.gal. .1040- —
New Orleans.gal. .11 - —
New York.gal. .0820- —
San Francisco.gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, cal., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.lb. .12 - .18

L

Lady slipper root, bls.lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.100 lbs. 5.50 - 5.75
Middlewesteln, trcs.100 lbs. 5.90 - 6.00
Neutral, trcs.100 lbs. 6.75 - 7.00
Western, choice, trcs..100 lbs. 6.00 - 6.10
Compound, trcs.100 lbs. 8.75 - 9.00
Larkspur seed, bgs.lb. 1.80 Nom.
Laurel berries, bls.lb. .25 - .26
Leaves, Greek, bls.lb. .09 Nom.
Turkish, bls.lb. .08½- .09
Lavender flowers, ordinary, bls.lb. .45 - .50
medium, bls.lb. .55 - .60
select, bls.lb. .65 - .70
Lead acetate, white, broken, bbls., lb. .11 - —
cryst., bbls.lb. .11 - —
gran., bbls.lb. .11¾- —
powd., bbls.lb. .11¾- —
Arsenate, bgs., c.l.lb. .08½- —
l.c.l., bgs.lb. .09 - —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.

Lead, blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .lb. .06¼- —
l.c.l., dlvd. E.lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.lb. .40 - —
Iodide, NF V, powd., 5-lb. bots., lb. 2.60 - —
jars .lb. 2.55 - —
Linoleate, pale, precip., dms.lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works.lb. .22 - —
Nitrate, bbls.lb. .11 - .14
Oleate, bbls.lb. .18½- .20
Peroxide, cns., works.lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
other points.lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points.lb. .07¾- —
smaller lots, Ala., etc.lb. .08½- —
Ariz., etc.lb. .09 - —
Colo., etc.lb. .08¾- —
other points.lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .07¾- —
other points.lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.lb. .08¾- —
Ohio, etc.lb. .08½- —
other points.lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.lb. .09¼- —
Colo., etc.lb. .09 - —
other points.lb. .08½- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .08 - —
other points.lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.lb. .09 - —
Colo., etc.lb. .08¾- —
other points.lb. .08¼- —
l.c.l., smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.lb. .09¾- —
Colo., etc.lb. .09¼- —
other points.lb. .09 - —
in oil, 95% min., 100-lb. kgs., lb. .12½- —
Resinate, fused 15%, bbls.lb. .09½- —
pale, bbls.lb. .11½- —
precip., bbls.lb. .16½- —
Stearate, bbls.lb. .25 - —
Sulphate (see Lead, white basic sulphate).
Titanate, bbls., c.l., (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse.lb. .10¼- —
smaller lots, E. frt. alld., lb. .10¼- —
Pac. Cst., ex whse.lb. .10½- —
White, dry, basic, carbonate, bbls., c.l., dlvd., Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07¼- —
other points.lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.lb. .06¾- —
l.c.l., dlvd., Ariz., etc. lb. .06¾- —
other points.lb. .06½- —
in oil, 100-lb. kgs., consumers. lb. .12¾- —
dealers .lb. .10¾- —
painters .lb. .11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b., N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same l.c.l., same basis.lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms., prices are 1c. per lb. less.
Lemon peel, bls.lb. .13 - .15
Licorice extract, mass, cs.lb. No prices
powd., bbls.lb. No prices
root, cuttings, bls.lb. .09 - .10
powd., bbls., bxs.lb. .11 - .12
select, bdls., cs.lb. .30 - .32
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.ton. 7.00 - —
Berkley, W. Va.ton. 7.00 - —
Carey, Ohio.ton. 7.00 - —
Cedar Hollow, Pa.ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.ton. 8.00 - —
Gibsonburg, Ohio.ton. 7.00 - —
Hannibal, Mo.ton. 6.50 - —
Keystone, Ala.ton. 7.00 - —
Knoxville, Tenn.ton. 6.25 - —
Limedale, Ark.ton. 7.00 - —
Longview, Ala.ton. 6.25 - —
Manistique, Mich.ton. 8.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich.ton. 8.00 - —
Lime, chemical (quicklime), lump or pebble, f.o.b. Mitchell, Ind..ton. 6.50 - —
Newala, Ala.ton. 6.25 - —
Rincon, Cal.ton. 13.00 - —
Ripplemead, Va.ton. 7.00 - —
Riverton, Va.ton. 7.00 - —
San Francisco, Cal..ton. 13.00 - —
Scioto, Ohio.ton. 6.50 - —
Springfield, Mo.ton. 7.00 - —
Woodville, Ohio.ton. 7.00 - —
York, Pa.ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.ton. 8.50 - —
Buffalo, N. Y.ton. 10.00 - —
Carey, Ohio.ton. 8.50 - —
Cedar Hollow, Pa.ton. 8.50 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 9.00 - —
Farnams, Mass.ton. 8.50 - —
Gibsonburg, Ohio.ton. 8.50 - —
Hannibal, Mo.ton. 8.50 - —
Keystone, Ala.ton. 9.00 - —
Knoxville, Tenn.ton. 9.00 - —
Le Roy, Minn.ton. 10.00 - —
Lime Crest, N. J.ton. 8.50 - —
Limedale, Ark.ton. 9.00 - —
Longview, Ala.ton. 9.00 - —
Louisville, Ky.ton. 14.50 - —
Manistique, Mich.ton. 9.00 - —
Marblehead, Ohio.ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.ton. 9.00 - —
Newala, Ala.ton. 9.00 - —
Potoskey, Mich.ton. 9.00 - —
Port Island, Mich.ton. 9.00 - —
Rapid City, S. D.ton. 12.00 - —
Ripplemead, Va.ton. 9.00 - —
San Francisco, Cal..ton. 16.00 - —
Springfield, Mo.ton. 9.00 - —
Woodville, Ohio.ton. 8.50 - —
York, Pa.ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.ton. 11.00 - —
Farnams, Mass.ton. 9.50 - —
Gibsonburg, Ohio.ton. 11.00 - —
Lime Crest, N. J.ton. 8.50 - —
Marblehead, Ohio.ton. 11.00 - —
Scioto, Ohio.ton. 10.00 - —
Woodville, Ohio.ton. 11.00 - —
York, Pa.ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.lb. .11 - —
less than 400 lbs., same basis, lb. .08¼- .09½
dms., same basis.lb. .12 - —
Solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks. gal. .08½- —
30-50 dms.gal. .11 - .16
Zone 3, tanks, dealers, dlvd. gal. .07½- —
30-50 dms.gal. .10½- .14½
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .gal. .12 - —
Zone 6, tanks, dealers.gal. .07½- —
30-50 dms.gal. .10 - .14
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1: includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States, Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minns., Mo., and Tenn. west of Tenn. River; Penn., eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.
Linalool, cns.lb. 2.10 - 3.30
Linalyl acetate, cns.lb. 1.75 - 3.00
Linden flowers, with leaves, bls.lb. .45 - .46
Linden flowers, with leaves, bls.lb. .42 - .45
Linseed cake, bgs, export.ton. 21.00 - 22.00
meal, 34%, bgs.ton. 25.00 - 25.50
Litharge, com'l, powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06½- —
Other points.lb. .06¼- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore., and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07¼- —
Other points.lb. .06¾- —
smaller lots, dlvd., Ala..lb. .07½- —
Ariz., etc.lb. .08 - —
Colo. etc.lb. .07¾- —
Other points.lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.lb. 1.93 - —
25 lbs., works.lb. 1.95 - —
Carbonate, 250-lb. bbls.lb. 1.25 - —
100-lb. kgs.lb. 1.30 - —
Chloride, 25-lb. jars.lb. 1.65 - 1.70
Citrate, 250-lb. bbls.lb. 1.40 - —
25-lb. dms.lb. 1.45 - —
100-lb. kgs.lb. 1.40 - —
Fluoride, bbls.lb. 2.10 - 2.25
Iodide, 5-lb. bots.lb. 4.85 - —
25-lb. jars.lb. 4.70 - —
Lithopone, titanated (high-strength), bgs., c.l., (20 tons)..lb. .05 - —
smaller lots.lb. .05¼- —
bbls., c.l. (20 tons).lb. .05¼- —
smaller lots.lb. .05½- —
ordinary, bgs., c.l. (20 tons)..lb. .0360- —
smaller lots.lb. .0385- —
bbls., c.l. (20 tons).lb. .0385- —
smaller lots.lb. .04¼- —
Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.
Liverwort leaves, bls.lb. .55 - .60
Lobelia, herb, bls.lb. .12 - .13
Seed, bgs.lb. .35 - .36
Logwood extract, cryst., bbls..lb. .20 - .24
liquid, 51°, bbls.lb. .10½- .12½
solid, bxs.lb. .16½- .20½
Lovage root, dms., bls.lb. .45 - .50
imported, bls.lb. .45 Nom.
Lupulin, N. E., tins.lb. 1.65 - 1.70
Lycopodium, cs.lb. 4.75 - 5.00

M

Mace, Banda, cs.lb. .55½- .56
Batavia, cs.lb. .30½- .31
Siauw, cs.lb. .37½- .40
West Indian, cs.lb. .34 - .41
Madder, Dutch, bbls.lb. .22 - .25
Magnesia, arsenate, dms.lb. .18 - .20
Calcined, tech., U.S.P., bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.lb. .07½- —
kgs.lb. .08¾- —
l.c.l., bgs.lb. .07¼- —
bbls.lb. .08½- —
kgs.lb. .09¾- —
Zone 2, c.l., bgs.lb. .06¼- —
bbls.lb. .07½- —
kgs.lb. .08¾- —
l.c.l., bgs.lb. .07 - —
bbls.lb. .08¼- —
kgs.lb. .09½- —
U.S.P., Zone 1, c.l., bgs..lb. .08 - —
bbls.lb. .08½- —
kgs.lb. .09¾- —
l.c.l., bgs.lb. .09 - —
bbls.lb. .09½- —
kgs.lb. .10¾- —
Magnesia:—Zone 1—Mass., Conn., R. I. N.Y., N.J., Pa., D. of C., Del. and Md., c.l., shipments, full fr't alld, up to, but not exceeding, 25c. per 100 lbs., actually paid by customers. On l.c.l. shipments, fr't alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.; prices f.o.b. Plymouth Meeting Ambler, Phillipsburg, Valley Forge, and New York.
Chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., tons.32.00 - —
l.c.l., bbls., wks.ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.lb. .11 - .11¼
Stearate, bbls., ctns., c.l.lb. .23 - —
1 ton.lb. .24 - —
1,000-2,000 lbs.lb. .25 - —
smaller lots.lb. .26 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .50 - —
smaller lots, dms.lb. .55 - —
Magnesite, cal., dom., bgs...ton. 60.00 -65.00
Imports, bgs., duty paid...ton. No prices
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton. 25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lb.lb. .30 - —
kgs., 100 lbs.lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots.lb. .55 - —
5-lb. cns.lb. .73 - —
Malva flowers, black, bls.lb. .70 - .95
blue, bls.lb. .70 - .95
Leaves, bls.lb. .27 - .40
Manaca root, bls.lb. .23 - .24
Mandrake root, bls.lb. .12 - .13
Manganese acetate, dms.lb. .26½- —
Arsenate, bgs.lb. .12 - .12¼
Borate, tech., bbls.lb. .15 - .16
Carbonate, bbls.lb. .19 - —
Chloride, bbls.lb. .08½ Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works. ton. 69.00 - —
5-15 tons, works.ton. 72.00 - —
¼ 4 tons, works.ton. 77.00 - —
Caucasian, 85-90%, bbls., c.l., works..ton. 66.50 - —
l.c.l., 5 tons, works.ton. 69.50 - —
smaller lots, works..ton. 74.50 - —
burlap bgs., c.l., works.ton. 64.25 - —
l.c.l., 5 tons, works..ton. 67.25 - —
smaller lots, works.ton. 72.25 - —
paper bgs., c.l., works.ton. 62.50 - —
l.c.l., 5 tons, works..ton. 65.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots.lb. 2.80 - —
smaller lots.lb. 3.00 - —
cns., 25 lbs.lb. 3.12 - —
Hydrate, bbls., dlvd.lb. .82 - —
Iodide, bots., 5 lbs.lb. 5.55 - —
jars, 25 lbs.lb. 5.70 - —
Linoleate, liquid, 4%, dms..lb. .18 - .19¼
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports, duty paid..unit-ton. .71 - .73
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.lb. .12 - —
Sulphate, anhyd.ton lots, lots, works..lb. .09 - .09½
single bbls., works.lb. .09¼- .09¾
fertilizer, 65%, $MnSO_4$, bgs., c.l., dlvd., South..ton. 57.00 - —
l.c.l., bgs.ton. 65.00 -75.00
Mangrove bark, bgs., shipt...ton. 35.00 - —
Manna flake, large, cs.lb. .95 - 1.55
small, cs.lb. .80 - 1.25
Mannitol, com'l grade, bbls., ton lots, works..lb. .38 - —
smaller lots, works.lb. .45 - —
reagent grade, 50 lb. cs., or multiples, works..lb. .90 - —
Marble flour, bgs.ton. 12.00 -14.00
Marjoram, French, bls.lb. .29 - .30
Tunisan, bls.lb. .26 Nom.
Chilean, bls.lb. .17 - .17½
Matico leaves, bls.lb. .22 - .25
Menthol, USP, natural, cs.lb. 3.50 - 3.60
synthetic, tech., cs.lb. 2.50 - —
USP, cs.lb. 3.25 - —
liquid, dms 50 lbs.lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.lb. 1.40 - —
25 lbs.lb. 1.46 - —
50%, pails, 50 lbs.lb. 2.09 - —
25 lbs.lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.lb. 3.02 - —
100-lb. fib. dms.lb. 2.89 - —
25-lb. jars.lb. 2.91 - —
Chloride (see Calomel).
Cyanide, cryst.lb. 4.00 - 4.05
powd.lb. 4.05 - 4.10
Iodide, red, NF, 5-lb. bots.lb. 4.71 - —
100-lb. fib. dms.lb. 4.60 - —
yellow, 5-lb. bots.lb. 4.81 - —
fib. dms., 100 lbs.lb. 4.70 - 4.75
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate), tech. (see Red, mercury oxide), yellow, dom., tech., bbls..lb. 2.96 - —
USP, fib. dms., 50 lbs. or more..lb. 3.84 - —
Mercury and chalk, 5-lb. ctns..lb. 1.98 - —
25-lb. fib. dms.lb. 1.80 - —
Mesityl oxide, cns., works.lb. .20½- —
dms., c.l., dlvd.lb. .16 - —
l.c.l., dlvd.lb. .16½- —
tanks, dlvd.lb. .15 - —

Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5⅛x5⅛ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -23.00
3⅞x5⅞ in.....pkg.24.50 -25.00
silver, 3¼x3¾ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls.....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, producer group A, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .30 - —
95%, tanks.....gal. .29 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

natural, producer group B, pure, tanks, frt. alld. Zone 1, gal. .30 - —
Zone 2.....gal. .32 - —
Zone 3.....gal. .34 - —
Zone 4.....gal. .34½- —
dms., c.l., Zone 1.....gal. .35½- —
Zone 2.....gal. .37½- —
Zone 3.....gal. .39½- —
Zone 4.....gal. .41½- —
l.c.l., Zone 1.....gal. .38 - —
Zone 2.....gal. .45 - —
Zone 3.....gal. .42 - —
Zone 4.....gal. .53½- —

95%, frt. alld., prices 2c. less than pure, all zones.
97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37½- —
3, frt. alld.....gal. .39½- —
4, frt. alld.....gal. .41½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .38 - —
2, frt. alld. or dlvd..gal. .45½- —
3, dlvd., S. F. and L. A., gal. .42 - —
4, frt. alld. or dlvd..gal. .53½- —
tanks, Zone 1, frt. alld...gal. .30 - —
2, frt. alld.....gal. .32 - —
3, frt. alld.....gal. .34 - —
4, frt. alld.....gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind. Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah., Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd., E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R., lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd., E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd., E. of Miss. R., lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, group A producers, E. of Rockies, frt. alld., tanks..gal. .32 - —
dms., c.l., same basis, gal. ..37½- —
l.c.l., same basis...gal. .40½- —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Acetone, natural, group B producers, tanks, Zone 1..gal. .32 - —
Zone 2.....gal. .34 - —
Zone 3.....gal. .36 - —
Zone 4.....gal. .36½- —
dms., c.l., Zone 1.....gal. .37½- —
Zone 2.....gal. .39½- —
Zone 3.....gal. .41½- —
Zone 4.....gal. .43½- —
l.c.l., Zone 1.....gal. .40 - —
Zone 2.....gal. .47½- —
Zone 3.....gal. .44 - —
Zone 4.....gal. .55½- —

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wisc. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Acetone, synthetic, tanks, zone 1..gal. .34 - —
Zone 2.....gal. .42 - —
Zone 3.....gal. .45½- —
dms., c.l., zone 1.....gal. .36 - —
Zone 2.....gal. .44 - —
Zone 3.....gal. .48 - —
l.c.l., zone 1.....gal. .37 - —
Zone 2.....gal. .45½- —
Zone 3.....gal. .48½- —

Alcohol (see Methanol).

Anthranilate, bots.....lb. 2.20 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Bromide, cyl.....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 4.25 - 5.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd....lb. .80 - —
Iodide, bots.....lb. 3.68 - 3.82
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Violet toner, bbls.....lb. .88 - —
permanent, bbls.....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 100 lbs. or more, frt. alld..lb. .70 - —
less than 100 lbs., works..lb. .75 - —
Methylcyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —
Methylcyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.28.00 -44.00
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .70 - —
l.c.l., works.....gal. .80 - —
smaller containers, works..gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp., bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l.lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh., containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
Mica, dry grd., amber, No. 1 quality, bgs. extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works.ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
refined, bgs., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1 quality, bgs. extra and returnable, c.l., works, ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works..lb. .03 - —
roofing, bgs. extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
rubber, bgs., c.l., frt. alld. E, lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04⅜- —
rubber, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04¾- —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .09 - —
spray, bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls., c.l., lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16 - —
Millet seed, yellow, bgs.....lb. .0250- .0280
early fortune, bgs.....lb. .02½- .06
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinners and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .07 - —
f.o.b. Gulf ports.....gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molydenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Molybdenum, trioxide, pure, kgs., basis Me. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works.....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., wks., lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylamine, basis 100% amine content, dms., l.c.l., works, lb. .65 - —
Monoethylanilin. dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .14
flowers, cns.....lb. 1.30 - 1.35
Musk, nat., Tonquin, grained, bots..oz.19.00 -20.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.65 - —
5 lbs. to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 3.95 - —
ketone, cns., 100 lbs. or more, lb. 3.70 - —
5 lbs. to 75 lbs.....lb. 3.95 - —
1 lb.....lb. 4.10 - —
xylol, cns., 100 lbs. or more, lb. 1.05 - —
5 lbs. to 75 lbs.....lb. 1.15 - —
1 lb.....lb. 1.20 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown, bgs..lb. .09½- .10
yellow, bgs.....lb. .13 - .13½
Chinese yellow, bgs.....lb. .08½- .09
Danish, yellow, bgs.....lb. .17½- .18
Dutch, yellow, bgs.....lb. .15 - .15½
English, yellow, bgs.....lb. No stocks
Roumanian, yellow, bgs....lb. .12 - .12½
Myrobalans, J1, bgs., f.a.s...ton.40.00 - —
J2, bgs., f.a.s.....ton.34.00 - —
Extract, liquid, 25%, bbls...lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works..100 lbs. 2.25 Nom.
bbls., c.l., works...100 lbs. 2.50 Nom.
78 deg., bgs., c.l., works, 100 lbs. 2.50 Nom.
l.c.l., works.....100 lbs. 2.75 Nom.
import, bgs., c.l.f.....100 lbs. No price
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07 - —
50-lb. cs., same basis...lb. .07¼- —
pkgs, (16 oz.), same basis, lb. .07⅝- —
(12 oz.), same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07 - —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100-lb. dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works,frt. alld..lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l., lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., works, lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester soluble, 30-35 cps., ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., cps., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
ester-soluble, 5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
lacquer, 20-40 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, l.c.l., dms., works, lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton.1.2158- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 1.75 - —
f.o.b. Chemical, Ill., unit-ton. 1.75 - —
East Coast producing points..unit-ton. 2.20 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works, lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Alleppo, bgs., cs....lb. .26 - .29
Chinese .....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .18 - .19
110s, bgs., cs.....lb. .16 - .16½
West Indian, bgs.....lb. .08¼- .08¾
Nux vomica, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .06¼- —
l.c.l., bbls., works.....lb. .06¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l. works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns....lb. .70 - .75
Amber, crude, cns.....lb. .22 - .23
ref'd, cns.....lb. .75 - .80
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.80.00 -85.00
seed, bots.....lb.48.00 -53.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .72 - .75
Apricot, kernels, cns.....lb. .38 - .39
Babassu, tanks.....lb. .06 Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.10 - 1.15
55-60% phenols, cns.....lb. 1.20 - 1.25
Bergamot, artif., cns.....lb. 2.50 - 3.50
natural, coppers.....lb. 8.50 Nom.
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 - .26
rectified, cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.60 - 1.65
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .60 - .67
USP. IX. cns.....lb. .62 - .72
Calamus, cns.....lb. 8.25 - 8.50

Metal Leaf—Oil, Lemongrass

Oil, camphor, sassafrassy, cns., lb. .31 - .32
dms.....lb. .28 - .29
white, cns.....lb. .35 - .37
dms.....lb. .32 - .33
Cananga, native, cns.....lb. 1.60 - 1.65
rectified, cns.....lb. 2.00 - 2.25
Capsicum (oleoresin) N. F. VI, cns..lb. 2.50 - 2.75
Caraway, USP, cns.....lb. 5.00 Nom.
Cardamon, bots.....lb.15.00 -16.00
Cassie, USP, cs., dms.....lb. 1.35 - 1.40
Castor, blown, one-way dms., c.l..lb. .13¾ Nom.
l. c.l.....lb. .14½- —
cold pressed, USP, bbls., c.l., lb. .12¼- —
l.c.l. .....lb. .13 - —
cns. (1-gal), l.c.l.....lb. .16 - —
dms. (returnable), c.l...lb. .12 - —
l.c.l. .....lb. .12¾- —
(5-gal.), l.c.l.....lb. .14 - —
tanks .....lb. .11½- —
dehydrated, dms., c.l.....lb. .1460- —
l.c.l. .....lb. .15 - —
tanks .....lb. .14 - —
extracted No. 3, tech., bbls., c.l..lb. .11¾- —
l.c.l. .....lb. .12½- —
dms. (returnable), c.l.....lb. .11½- —
l.c.l. .....lb. .12¼- —
tanks .....lb. .11 - —
sulphonated, 50% (43% fat), dms., c.l..lb. .08½- —
l.c.l. .....lb. .09½- —
75% (63% fat) dms., c.l..lb. .11 - —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12¼- —

Castor oil, USP, and No. 3, prices are dlvd. all points between N.Y. and Philadelphia, Albany, and N. E. States: Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ⅝c. higher than N. Y.; one-way drums, ¼c. higher, all points.

Cedarleaf, cs.....lb. .80 - .85
dms.....lb. .75 - .80
Cedarwood, Oregon, cns., dms., lb. .25 - .30
Southern, cns., dms.....lb. .19 - .22
Celery, bots.....lb. 9.50 -10.00
Chaulmoogra, USP, cns.....lb. .72½- —
Chinawood, dms.....lb. .25¾- —
tanks .....lb. .24¾- —
Cinnamon, Ceylon, bots.....lb. 9.25 -27.00
Seychelle, bots.....lb. 7.25 - 8.00
Citronella, Ceylon, cns.....lb. .33½- .34
dms. .....lb. .31½- .32
Java, cns., dms.....lb. .29 - .30
Clove, makers, USP, cns....lb. 1.20 - 1.25
dms. .....lb. 1.15 - 1.20
Coconut, Manila, crude, tanks, lb. .02¾- —
edible, 76°, dms. (returnable), c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
tanks .....lb. .06¾- —
Cod, Norwegian, shipt., bbls., gal. No prices
Codliver, med., USP, bbls..bbl.65.00 -70.00
Coriander, bots.....lb.13.00 -15.00
Corn, crude, tanks, wks.....lb. .05⅝- .05½
refd., bbls.....lb. .07½- .08½
Cottonseed, cooking, bbls....lb. .08¾- —
salad, bbls.....lb. .09 - —
import, Brazilian, semi-refd., bulk..lb. No prices
Creosote (see C).
Croton, N.F., cns.....lb. 2.50 - 2.75
Cubeb, USP, cns.....lb. 3.25 - 3.50
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.50 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import, cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk....bbl. 1.80 - 1.95
California, 24 plus, bulk...bbl. 1.55 - —
Dill seed, bots.....lb. 4.50 - 5.00
weed, bots.....lb. 5.50 - 6.00
Dip (see L).
Erigeron, cns.....lb. 2.25 - 2.30
Eucalyptus, cns.....lb. .70 - .72
dms. .....lb. .68 - .70
Fennel, sweet, cns.....lb. 3.00 - 3.25
Fuel, bunker, California, tide-water..bbl. .65 - .75
Gulf Coast, at terminal..bbl. .80 - —
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.25 - —
Tuesday .....bbl. 1.25 - —
Wednesday .....bbl. 1.25 - —
Thursday .....bbl. 1.25 - —
Friday .....bbl. 1.25 - —
Saturday .....bbl. 1.25 - —
North Texas, 18-22.....bbl. .72½- .85
24-28, zero cold test....bbl. 1.00 - 1.10
Oklahoma, 18-22.....bbl. .72½- .85
24-28, zero cold test....bbl. 1.00 - 1.05
24-28, 15 and above....bbl. .80 - .85
Pennsylvania, 36-40.....gal. .04 - —
Furnace, Bayonne, 1, bulk, refinery..gal. .0590- .0634
2, bulk, same basis.....gal. .0440- .0460
4, bulk, same basis.....gal. .0540- .0560
Louisiana - Arkansas, 23-36, light straw..gal. .03¼- .03⅝
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03¼- .03⅝
36-38 .....gal. .03⅝- .03⅞
38-40 zero, 60 c.p.....gal. .03⅜- —
Fusel (see F).
Gas, Bayonne, bulk.....gal. .0540-.0560
Gulf Coast, bulk.....gal. .03¼- —
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk.....gal. .02⅝- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 3.75 - 4.00
Bourbon, cns.....lb. 3.50 - 3.75
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.55 - 1.60
Grapeseed, dms.....lb. .40 - .45
Ginger, dist., bots.....lb. 4.10 - 4.25
Guaiac wood, concrete, bots..lb. 2.80 - 2.85
Haarlem, imported, bots..gross. No prices
Hemlock, cns.....lb. .65 - .70
Juniper berry, USP, cns.....lb. 4.00 - 4.50
wood, tech., cns.....lb. .50 - —
Juniper tar, USP XI, cns....lb. .40 - .45
Lard, common, 1, bbls.....lb. .07¼- —
2, bbls.....lb. .07⅛- —
extra, bbls.....lb. .07⅝- —
1, bbls.....lb. .07⅛- —
winter, strained, bbls....lb. .08 - —
prime, burning, bbls.....lb. .08¾- —
prime, tined., bbls.....lb. .08¼- —
Laurel, bots.....lb. 4.50 - 4.60
Lavandin, cns., 25 lbs.....lb. 3.25 - 3.50
Lavender flower, French, 50% ester, cns..lb. 6.00 - 6.25
38-42% ester, cns.....lb. 4.25 - 4.50
35-38% ester, cns.....lb. 3.75 - 4.00
30-32% ester, cns.....lb. 3.50 - 3.75
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.20 - 1.85
dms. .....lb. 1.15 - 1.70
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. 4.75 Nom.
Terpeneless, Type 1.....lb.10.50 -16.50
Type 2.....lb. 8.35 -14.50
Lemongrass, native, cns., dms. lb. .70 - .73

Oil, Lime—Petroleum Thinners

Oil, lime, dist., cns.....lb. 5.00 - 5.50
expressed, cns.....lb. 7.50 - 7.75
Terpeneless, Type 1.....lb.70.00 -78.00
Type 2.....lb.42.00 -46.50
Linaloe wood, cns.....lb. 1.30 - 1.35
Linseed, raw, dms., c.l.....lb. .0880 - .0900
l.c.l., 10 to 99.....lb. .0920 - .0940
5 to 9.....lb. .0940 - .0960
less than 5.....lb. .0960 - .0980
tanks.....lb. .0820 - .0840
Boiled linseed oil .004 cents over raw.
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.....gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .17½- —
15-25 pour, tanks..gal. .19 - —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .19 - —
15-25 pour, tanks..gal. .16 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .16 - —
100-200 D, color 4¼, 15-25 pour, tanks..gal. .13 - —
neutrals, 0-10 pour, 150 vis., 3 colors, tank..gal. .07 - —
150 vis., 5 color, tanks, gal. .10 - —
4 color, tanks.....gal. .10 - —
200 vis., 3 color, tanks, gal. .11 - —
4 color, tanks.....gal. .10½- —
250 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .14 - —
neutrals, 280 vis., 3 color, tanks..gal. .14½- —
4 color, tanks.....gal. .13½- —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Pennsylvania, bright stocks, 3 color, 140-150 vis., 545-550 flash, 10 pour, tanks..gal. .14½- .15
15 pour, tanks.....gal. .13½- .14
25 pour, tanks.....gal. .12 - .14
cylinder oil, 600 flash, tanks..gal. .11 - .12
630 flash, tanks...gal. .12 - .13
600 steam refined, tanks, gal. .08 - .09
650 steam refined, tanks, gal. .10 - .11
Neutrals, 150 vis., 70°F., 3 color, 400-405 flash, zero pour, tanks..gal. .22½- —
10 pour, tanks.....gal. .21½- —
15 pour, tanks.....gal. .20½- —
25 pour, tanks.....gal. .19 - .20
200 vis., 70°F., 3 color, 420-422 flash, zero pour, tanks..gal. .24½- —
10 pour, tanks.....gal. .23½- —
15 pour, tanks.....gal. .22½- —
25 pour, tanks.....gal. .21 - .22
Mace, dist., cns., dms.....lb. 2.60 - 2.70
Mandarin, superior, coppers..lb.10.00 -11.00
Menhaden, crude, tanks, f.o.b. Balto..gal. .35 Nom.
refd., alkali, dms.....lb. .0710- —
tanks.....lb. .0650- —
blown, dms.....lb. .0730- —
kettle-bodied, dms.....lb. .0830- —
light-pressed, dms.....lb. .0650- —
tanks.....lb. .0590- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, bots., cns., lb. 1.60 - 1.70
dist., natural, bots.....lb. 8.50 - 9.00
Neatsfoot, 20° cold test, bbls., lb. .16¾- —
extra, bbls.....lb. .07½- —
1, bbls.....lb. .07½- —
prime, bbls.....lb. .06 - —
pure, bbls.....lb. .11¾- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb. 200.00-325.00
Nutmeg, USP, cns., dms....lb. 2.60 - 2.70
Oleo, 1, bbls.....lb. .07¼- —
2, bbls.....lb. .07¼- —
Oiticica, dms.....lb. .17½- .18¼
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., dms.....gal. 1.45 Nom.
edible, dms.....gal. 2.35 Nom.
foots, dms.....lb. .08¾- —
sulphonated, 50%, (42% fat), dms., c.l..lb. .09¼- —
l.c.l.....lb. .10¼- —
75% (63% fat), dms., c.l..lb. .12½- —
l.c.l.....lb. .13½- —
80% (68% fat), dms., c.l., lb. .12⅞ - —
l.c.l.....lb. .13⅞ - —
Orange, sweet, dist., cs.....lb. .90 - —
expressed, African, cns., dms., lb. 1.10 - 1.15
Calif., cns.....lb. 2.00 - —
Florida, cns.....lb. 1.25 - 1.30
Messina, USP, coppers...lb. 8.00 Nom.
West Indies, cns.....lb. 2.00 - 2.10
terpeneless.....lb.42.00 -50.00
Origanum, cns.....lb. 1.80 - —
Orris, Florentine, concrete, extra strong, bots..oz. 5.50 - 6.00
Palm, Niger, dms.....lb. .03¾ Nom.
shipment.....lb. .03¼ Nom.
softs, 12½%, bulk, shipt....lb. .02¾ Nom.
Sumatra, shipt., bulk.....lb. .02¼ Nom.
Palmarosa, cns.....lb. 2.25 - 2.50
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 via., bbls., extra, Ind. refy..gal. .14 - —
300° flash, 100-110 vis., tanks, G. 3..gal .05¾- —
Patchouli, bots., cns.....lb. 7.00 - 8.00
Peanut, crude, dom., tanks..lb. .05¾- .06
refd., edible, bbls.....lb. .08¾- .09
Pennyroyal, dom., cns.....lb. 3.00 Nom.
import, cns.....lb. 2.50 - 2.75
Peppermint, natural, cns., dms., lb. 2.60 - 2.85
redist., USP, cns., dms....lb. 2.85 - 3.10
Perilla, dms.....lb. .18 Nom.
tanks.....lb. .17 Nom.
Petitgrain, Paraguay, cns....lb. 1.50 - 1.55
Pimento berry, cns.....lb. 4.35 - 7.25
leaf, cns.....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., divd., E. ports..gal. .50 - .55
steam-dist., dms.....gal. .59 - —
tanks.....gal. .54 - —
Pineneedle, Siberian, cns....lb. 1.35 - 1.40
Putty, bbls., E. Segundo, Richmond, Cal..gal. .23½- —
contracts.....gal. .19¼- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Oil, rapeseed, blown, bbls.....lb. .17½ Nom.
denat., bbls.....gal. 1.10 - 1.15
Red, dist. or saponif., dms., divd..lb. .06½- .07¼
tanks, divd.....lb. .05¾- —
Rose, artif., bots.....oz. 1.35 - 2.25
natural, coppers.....oz. 5.75 -22.50
Rosemary, Spanish, cns.....lb. .64 - .66
dms.....lb. .59 - .61
Rosin, 1st rectfd., dms.....gal. .42 - —
2d rectfd., dms.....gal. .44 - —
3d rectfd., dms.....gal. .48 - —
Rue, bots.....lb. 3.00 - 3.25
Sage, cns.....lb. 2.00 - 3.00
Sandalwood, E. I., USP, cns.lb. 5.25 - 5.50
Mysore, cns., car lots.....lb. 5.50 - 5.75
Sardine, crude, tanks, Pac. Csr., gal. .37 Nom.
refd., alkali, dms.....lb. .0710- —
tanks.....lb. .0650- —
kettle-bodied, dms.....lb. .0830- —
light-pressed, dms.....lb. .0650- —
tanks.....lb. .0590- —
Sassafras, artif., cns.....lb. .83 - .84
dms.....lb. .80 - .81
natural, cns., dms.....lb. 1.15 - 1.20
Savin, cns.....lb. 2.20 - 2.25
Savory, cns.....lb. 3.50 - 3.75
Sesame, refd., dom., dms....lb. .16 Nom.
Shingle stain, bbls., c.l., works, gal. .19 - —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .06 - .06¼
tanks.....lb. .05½- —
refd., dms.....lb. .06¾- .07⅛
tanks.....lb. .06½- .06⅝
Spearmint, dms.....lb. 2.25 - 2.30
Sperm, bleach, 38°, dms....lb. .1100- —
45° dms.....lb. .1030- —
natural, dms.....lb. .0980- —
Spruce, cns., dms.....lb. .65 - .70
Sweet, birch, North, cns.....lb. 2.25 - 2.65
South, cns.....lb. 1.55 - 1.70
Tall, crude, dms., c.l., works, ton.40.00 - —
l.c.l., works.....ton.45.00 -50.00
tanks, works.....ton.80.00 - —
distilled, dms., c.l., divd...lb. .05½- .07
l.c.l., divd.....lb. .06½- .08¼
tanks, divd.....lb. .05 - .06⅝
refined, dms., c.l., works...lb. .04 - —
l.c.l., works.....lb. .04½- —
tanks, works.....lb. .03½- —
Tallow, acidless, bbls.....lb. .07¼- —
tanks.....lb. .06⅝- —
Tansy, cns.....lb. 5.75 - 6.00
Tar, pine, com'l, dmc., c.l., divd. E. cities..gal. .26 - —
E. ports, c.l.....gal. .25 - —
l.c.l.....gal. .27 - —
tanks, divd. E. cities....gal. .20 - —
rectfd., USP, bbls., l.c.l., divd.. E. ports..gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .12½ Nom.
Tea Tree (see Oil, Ti tree).
Thyme, NF, red, dms.....lb. .80 - 1.75
white, dms.....lb. .95 - 1.95
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.30 - 2.80
Turkey red (see castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 6.00 - —
Valerian, bots.....lb. 8.00 - 9.00
Vetiver, bots.....lb. 3.75 -15.00
Whale, ref., natural, dms..lb. .0910- —
winter, bleach, dms.....lb. .0950- —
Wheat germ, cns., dms....gal.17.50 -25.00
White, mineral, dom., dms., tech., 50-60 vis., dms.gal. .33 - .34
65-75 vis., dms.....gal. .37 - .43
80-90 vis., dms.....gal. .38 - .44
USP, 89-90 vis., dms....gal. .41½- .47
95-105 vis., dms.....gal. .50 - .51
125-135 vis., dms.....gal. .56 - .57
140-150 vis., dms.....gal. .57½- .59½
175-185 vis., dms.....gal. .63½- .64½
200-210 vis., dms.....gal. .66½- .67½
320-330 vis., dms.....gal. .73½- .76½
335-345 vis., dms.....gal. .76 - .77
Russian, 80-90 vis., dms.gal. No prices
145-155 vis., dms.....gal. No prices
175-185 vis., dms.....gal. No prices
335-345 vis., dms.....gal. No prices
Wintergreen, natural, North, cns..lb. 4.35 - 5.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 4.35 - 4.45
Wormwood, cns.....lb. 5.40 - 5.85
Ylang-ylang, Bourb., bots., cns. lb. 3.00 - 8.00
Manila, bots.....lb.18.00 -22.00
Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 325 mesh c.l., mines, ton.20.00 - —
200 mesh, c.l., mines....ton.17.00 - —
100 mesh, c.l., mines....ton.15.00 - —
20 mesh to dust.....ton.12.00 - —
Opium USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange Lake, Persian, bbls....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .10½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11 - —
Colo., Mont., N. M., Wyo..lb. .10¾- —
Other points.....lb. .10¼- —
smaller lots, divd., Ala., etc. lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points.....lb. .10¾- —
French, Tours, casks, ex dock..lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .45 - .50
Orange peel, bitter, bls.....lb. .09 - .10
sweet, bls.....lb. .11 - .12½
Orris root, Florentine, bgs....lb. .45 - .50
fingers, cs.....lb. 1.35 - 1.70
powd., bbls., bxs.....lb. .48 - .53
Verona, bls.....lb. .34 - .35
powd. bxs., cs.....lb. .37 - .38
Orthoanisidin, bbls.....lb. .70 - —
Orthochloroaniliin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .52 - —
Orthocresol, dms., c.l., works.lb. .16 - —
l.c.l., same basis.....lb. .16½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniliin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthophenetidin, dms.....lb. .80 - —
Orthotoluidin, dms.....lb. .19 - —
Osage orange extract, cryst., bbls., lb. .21 - —
liquid, 42°, bbls.....lb. .09 - —
51°, bbls.....lb. .19 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00
Orthotoluene hydrochloride, dms.lb. .22 - —
Sulphonate, kgs.....lb. 2.00 - 2.05

P

Papain, powd., cs.....lb. 1.45 - 1.50
Paprika, Algerian, bgs.....lb. .31 - .32
Bulgarian, bgs.....lb. .30½- .32
Hungarian, extra fancy, bgs.lb. .40 - .41
medium, bgs.....lb. .37 - .38
Portuguese, extra fancy, bgs.lb. .33 - .34
fancy, bgs.....lb. .32 - .33
Spanish, fancy, cs.....lb. .38 - .39
Parachlorophenol, dms.....lb. .32 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l.....lb. .12½- .15⅛
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .03¼- .03½
bbls., c.l., N.Y.....lb. .02¼- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .03½- .03¾
bbls., c.l., N.Y.....lb. .02¼- .02½
yellow, 124-126 A.m.p., bbls., c.l., N.Y..lb. .02½- —
fully refd., bgs., 128-125 A.m.p., bgs., c.l..lb. .0370- —
125 A.m.p., bgs., c.l....lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .0370- —
131-133 A.m.p., bgs., or loose, c.l..lb. .0595- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0625- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0650- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0725- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0820- —
151-153 A.m.p., bgs. or loose, c.l..lb. .15 Nom.
Refined paraffin prices in cases are ½c. lb. higher than baga price; solid in tankcars is 5c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03½- —
semirfd., solid, 122-124 A.m.p., bgs..lb. .03 - —
Paraformaldehyde, dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 98%, 55 and 110 gal. dms., c.l., works.lb. .10 - —
l.c.l., works.....lb. .11¼- —
5 and 10-gal. dms., works..lb. .15 - —
USP, cs., cbys.....lb. .37 - .45
Paranisidine, dms.....lb. .75 - —
Paranitroaniliin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs....lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .30 - —
Parsleyphenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .48 - —
Pareira brava root, bls.....lb. .20 - .21
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls.....lb. .08 - .09
Patchouli leaves, bls.....lb. .28 - .30
Pellitory root, bls.....lb. .30 - .32
Pennyroyal leaves, bls.....lb. .15 - .16
Pentane norm., 28-38°, dm., c.l., G.3..gal. .11½- —
l.c.l., G.8.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3, gal. .14 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Aleppey, bgs..lb. .06½- .06¾
Lampong, bgs.....lb. .03¾- .04
Tellicherry, bgs.....lb. .06½- .07
Red, chillies, Japan, Hontaka.lb. .17 - .17½
Mombassa, bgs.....lb. .28½- .29
White, Java, Muntok, bgs...lb. .07½- .08
Singapore, Muntok.....lb. .07¼- .07⅝
Peppermint leaves, dom., bls..lb. .45 - .50
imports, bls.....lb. .75 - .80
Perchlorethylene, dms., c.l., works, frt. alld., zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Perchlorethylene, Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
lb. .09 - —
l.c.l., same basis.....lb. .09½- —
All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Is., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.
Peru, balsam, dms.....lb. .85 - .90
Petrolatum, amber, dms., c.l..lb. .02¾- —
l.c.l.....lb. .03¾- —
amber, extra, dms.....lb. .03 - —
l.c.l.....lb. .04 - —
veterinary, dms., c.l.....lb. .03¾- —
white, cream, dms., c.l.....lb. .04 - —
l.c.l.....lb. .05½- —
lily, dms., c.l.....lb. .04¾- —
l.c.l.....lb. .06¼- —
snow, dms., c.l.....lb. .05½- —
l.c.l.....lb. .07½- —
Petroleum, crude, bulk, at wells:—
California.....bbl. .42 - 1.75
Canada.....bbl. 2.10 - 2.17
Central West:—
Illinois.....bbl. .53 - 1.00
Lima.....bbl. .90 - —
Michigan.....bbl. .82 - 1.08
Princeton.....bbl. 1.05 - —
East Texas.....bbl. 1.10 - —
Gulf Coast.....bbl. .74 - 1.41
Kentucky, Tennessee.....bbl. 1.02 - 1.10
Louisiana, Arkansas.....bbl. .73 - 1.10
Mexico.....bbl. No prices
Midcontinent:—
North Texas.....bbl. .51 - 1.10
Oklahoma-Kansas.....bbl. .58 - 1.10
Petroleum, crude, bulk, at wells.
Pennsylvania, Ohio, West Virginia:—
Bradford, Allegany....bbl. 2.00 - —
Corning.....bbl. 1.17 - —
Buckeye lines.....bbl. .95 - —
N. Y. Transit lines...bbl. 2.00 - —
Eureka lines.....bbl. 1.59 - —
S. W. Penn lines.....bbl. 1.65 - —
lower district in National Transit lines..bbl. 1.88 - 1.93
Rocky Mountains.....bbl. .51¼- 1.80
South Central and Southwestern Texas..bbl. .73 - 1.27
Texas Panhandle.....bbl. .97 - .98
West Texas.....bbl. .55 - .95
Ether, 50-60°, dms., c.l., G.3, gal. .14½- —
l.c.l., G.3.....gal. .25½- —
tanks, G.3.....gal. .13½- —
35-60°, dms., l.c.l., G.3....gal. .30½- —
40-75°, dms., c.l., G.3....gal. .14½- —
l.c.l., G.3.....gal. .25½- —
tanks, G.3.....gal. .13½- —
laboratory grade, dms., c.l., G.3..gal. .14½- —
c.l., G.8.....gal. .25½- —
10-gal. lots, G.3.....gal. .30½- —
Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, divd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond.....gal. .11 - —
Calif., Willbridge, Ore., Ft. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .09½- .10
Group 3, toluol type, tanks, gal. .07⅝- —
benzol type, tanks.....gal. .07⅞- —
Naphtha, cleaners,' at refinery:—
East Coast, tanks.....gal. .09 - .10½
Group 3, tanks.....gal. .06⅝- .07
tankwagon, Boston, ex tax, gal. .13½- —
Bridgeport.....gal. .13½- —
Chicago, inc. 4c. tax..gal. .18 - —
Decatur, inc. 4c. tax..gal. .1910- —
tankwagon, Des Moines, inc. 4c. tax..gal. .1890- —
Des Moines, inc. 4c. tax, gal. .1890- —
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10½- —
New York, ex tax.....gal. .10½- —
Omara, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .12 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 150 gals.....gal. .14½- —
smaller lots, galv. drums, gal. .10 - —
milk cans.....gal. .21 - —
High-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .20 - —
2, over 90% arom., same basis..gal. .21 - —
3, same basis.....gal. .22 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .16½- —
30, same zasis.....gal. .17½- —
40, same basis.....gal. .17¾- —
v.m.&p., at refinery—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond.....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p., tanks, divd. Los Angeles, gal. .10 - —
San Francisco.....gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅝- .07
tankwagon, Boston, ex tax, gal. .14½- —
Chicago, inc. 4c. tax...gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1890- —
Decatur, inc. 4c. tax..gal. .1910- —
Evansville, Ind., ex tax, gal. .1520- .1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11½- —
New York, ex tax.....gal. .10½- —
Omaha, ex tax.....gal. .1490- .1590
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1570- —
solvent, rubber, at refinery, East Coast, tanks..gal. .09¼- —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .06⅞- .07
standard, 180 i.b.p., 288 e.p., tanks..gal. .06⅝- .07
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .08¾- .09¼
Group 3, tanks.....gal. .06⅝- .06¾
tankwagon, Boston, ex tax, gal. .14 - —
Chicago, inc. 4c. tax...gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax.gal. .1840- —
Evansville, Ind., ex tax.gal. .14 - .15
Milwaukee, nc. 5c. tax.gal. .1980- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09¼- —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09¼- —
Omaha.....gal. .1360- .1460
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11¼
Thinners, tankwagon, tax included:—
California, 166-252 b.r., 59.5 a.p.i., tanks, ex tax, Los Angeles..gal. .10 - —
Portland.....gal. .11 - —
San Francisco.....gal. .10½- —
Seattle.....gal. .11 - —
198-290 b.r., 56.4 a.p.i., tanks, ex tax, Los Angeles..gal. .10 - —
Portland.....gal. .11 - —
San Francisco.....gal. .10½- —
Seattle.....gal. .11 - —
246-397 b.r., 47.7 a.p.i., tanks, ex tax, Los Angeles..gal. .10 - —
Portland.....gal. .11 - —
San Francisco.....gal. .10½- —
Seattle.....gal. .11 - —
312-408 b.r., 40.8 a.p.i., tanks, ex tax, Los Angeles..gal. .08¼- —
Portland.....gal. .09½- —
San Francisco.....gal. .09 - —
Seattle.....gal. .09½- —
318-393 b.r., 35.2 a.p.i., tanks, ex tax, Los Angeles, gal. .13 - —
Portland.....gal. .14 - —
San Francisco.....gal. .13 - —
Seattle.....gal. .14½- —
East Coast, 43-47, tanks..gal. .09¾- .09¼
47-49, tanks.....gal. .10½- —
New Jersey, tanks.....gal. .09 - —
Group 3, tanks.....gal. .06⅝- —

Petroleum—Pyroxylin

Petroleum, thinners, tankwagon, tax included:—		
Albany	gal.	.18½- —
Baltimore (100 gals.)	gal.	.14 - —
25-99 gals.	gal.	.16 - —
Boston	gal.	.18½- —
Bound Brook, North Amboy, N. J.	gal.	.18¼- —
Bridgeport, Conn.	gal.	.11½- —
Buffalo	gal.	.15½- —
Camden, N. J.	gal.	.10 - .11¼
Chicago	gal.	.1670- —
Decatur	gal.	.1810- —
Des Moines	gal.	.1790- —
Evansville, Ind.	gal.	.1429- .1529
Milwaukee	gal.	.1930- —
Minneapolis-St. Paul	gal.	.19½- —
Newark	gal.	.09½- —
New York (200 gals.)	gal.	.09½- —
Omaha	gal.	.1360- .1460
Philadelphia	gal.	.12½- —
Pittsburgh	gal.	.11½- .12¼
Providence	gal.	.12 - —
Rochester	gal.	.12½- —
St. Louis	gal.	.1470- —
Syracuse	gal.	.10½- —
Trenton	gal.	.10½- —
Wilmington, Del.	gal.	.12½- —
Phenobarbital, 5-lb. bots.	lb.	3.95 - —
bots. or cns., 100 lbs., spot or contract.	lb.	3.60 - —
25-lb. cns.	lb.	3.85 - —
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.13 - —
l.c.l., same basis	lb.	.13¾- —
under 1,000 lbs.	lb.	.14¾- —
tanks, works	lb.	.12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.	lb.	.65 - —
bbls., dms., kegs, 100-250 lbs.	lb.	.87 - .89
yellow, fib. dms., 2,000-lb. lots,	lb.	.80 - —
100-lb. fib. dms.	lb.	.82 - —
25-lb. dms.	lb.	.87 - —
50-lb. kgs.	lb.	.84 - —
Phenyl chloride, dms.	lb.	.17 - —
Phenylacetaldehyde, bots.	lb.	2.10 - 2.50
Dimethylacetate, cns.	lb.	14.50 -15.00
Phenyl ethyl acetate, cns.	lb.	2.45 - 2.80
Phenylethylphenyl acetate, bots.,	lb.	7.90 -15.50
Phenylhydrazine, base, CP, bots.	lb.	4.00 - —
hydrochloride, CP., bots., works.	lb.	4.60 - —
commercial, kgs., works	lb.	1.50 - —
pure, bbls., works	lb.	2.25 - —
Phloroglucinol, CP, tins, wks.	lb.	20.00 -22.00
tech., tins, works	lb.	15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.	long ton.	4.35 - —
land pebble, 68% min., bulk, mines.	long ton.	1.90 - —
70% min., bulk, mines.	long ton.	2.15 - —
land pebble, 72% min., bulk, mines.	long ton.	2.40 - —
75% basis, 74% min., bulk, mines.	long ton.	2.90 - —
Tenn., 72% bulk, mines, long	ton.	4.50 - —
75% bulk, mines.	long ton.	5.50 - —
Phosphorus, red, cs.	lb.	.40 - .44
yellow, dms.	lb.	.18 - .20
cases	lb.	.23 - .25
Oxychloride, cyls.	lb.	.15 - .16
Pentoxide, dms., c.l., works.	lb.	.11 - .12
l.c.l., dms., works	lb.	.13 - .14
Sesquisulphide, cs.	lb.	.38 - .42
Trichloride, cyls.	lb.	.15 - .16
Phthalamide, bbls., works, tons,	lb.	.35 - —
single bbls., works	lb.	.40 - —
kgs., works	lb.	.45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld., E. of Miss. R.	lb.	.14½- —
l.c.l., same basis	lb.	.15¼- —
Pichi leaves, bgs.	lb.	.13 - .14
Pilocarpine hydrochloride, bots., vis.	oz.	3.25 - 3.75
Nitrate bots., vis.	oz.	3.15 - 3.65
Pimento, bgs.	lb.	.16 - .16½
Pinkroot, bls.	lb.	.40 - .41
Pitch, burgundy (see B)		
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00 - —
l.c.l.	ton.	22.00 - —
Hardwood, 1-time, dms., c.l., dlvd. Akron.	ton.	23.75 -24.00
Linseed, dms.	lb.	.05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas)		
Pine, bbls.	bbl.	6.00 - 6.50
Plaster of Paris (see Gypsum).		
Pleurisy root, Southern, bls.	lb.	.12 - .13
Podophyllin, dms., dlvd. E. of Miss.	lb.	4.50 - 4.70
Poke root, bls.	lb.	.07 - .07½
Pomegranate bark, bgs.	lb.	.52 - .53
Root bark, bgs	lb.	.47 - .48
Poppy flowers, red, bls.	lb.	.75 - .80
Seed, Dutch, bgs.	lb.	.20½- .21
Turkish, bgs.	lb.	.17 - .17½
Potash abietate	lb.	.08 - —
Acetate, tech., bbls., dlvd.	lb.	.26 - —
kgs., dlvd.	lb.	.28 - —
USP, bbls., 250 lbs.	lb.	.28 - —
kgs., 100 lbs.	lb.	.30 - —
cns., 25 lbs.	lb.	.32 - —
Arsenite, USP, solut., cbys., 100 lbs.	lb.	.11 - —
demj., 50 lbs.	lb.	.12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs.	lb.	.18 Nom.
kgs., 100 lbs.	lb.	.20 Nom.
gran., bbls., 250 lbs.	lb.	.18 Nom.
kgs., 100 lbs.	lb.	.20 Nom.
Bichromate, spot, c.l., works.	lb.	.08¾- —
6 casks, or 10 bbls., or over, works.	lb.	.09 - —
5 casks or 9 bbls., or less, works.	lb.	.09¼- —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.27 - —
fib., dms., 100 lbs.	lb.	.28 - —
Carbonate, calc., dms., c.l., works.	lb.	.06½- —
l.c.l., same basis	lb.	.06¾- —
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½- —
l.c.l., same basis	lb.	.05¾- —
liquid, dms., c.l., works, frt. alld.	lb.	.08 - —
l.c.l., dms., same basis.	lb.	.03125- —
tanks, same basis	lb.	.0275- —
USP, gran., bbls., 325 lbs.	lb.	.14 - —
powd., bbls., 325 lbs.	lb.	.19 - —
kgs., 100 lbs.	lb.	.21 - —
Caustic, flake, 88-92%, dom., c.l., works.	lb.	.07 - —
l.c.l.	lb.	.07¼- .07½
import, dms.	lb.	No prices
liquid, 45% basis, dms.	lb.	.02½- .02¾
tanks	lb.	(—2... —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼- —
l.c.l.	lb.	.06½- .06¾
import, dms.	lb.	No prices
Chlorate, cryst., kgs.	lb.	.10½- .17
powd., kgs.	lb.	.10 - .17
Chloride, tech., 98%, cryst., bgs., kgs.	lb.	.04 Nom.
Chromate, kgs.	lb.	.24 - .27
Potash, citrate, USP, gran., bbls., 250 lbs.	lb.	.33½- —
kgs., 100 lbs.	lb.	.34½- —
cns., 50 lbs.	lb.	.35½- —
cns., 25 lbs.	lb.	.37½- —
Cyanide, cns., dms.	lb.	No prices
Cyanide, gold, 11% gold, bots., works.	oz.	14.20 -14.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots.	lb.	1.00 - —
100-lb. lots	lb.	1.10 - —
50-lb. lots, cbys., or cns.,	lb.	1.15 - —
25-lb. lots, cns.	lb.	1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots.	lb.	1.60 - 1.65
cns., 25 lbs.	lb.	1.75 -
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs.	lb.	.32 - .34
Hypophosphite, cns., 100 lbs.	lb.	.72 - —
25 to 50 lbs.	lb.	.75 - —
Iodate, bots., 5 lbs.	lb.	3.55 - —
cns., 25 lbs.	lb.	3.40 - —
Iodide, bbls., 250 lbs.	lb.	1.35 - —
bots. or cns.	lb.	1.54 - 1.80
dms.	lb.	1.45 - 1.48
Kainit, 20%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports.	ton.	No prices
Manure salt, dom., min., 30%, K^2O, bulk, ex-vessels, ports, unit-ton.		.60 - —
import, 30%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports.	ton.	No prices
Domestic manure salt prices, basis f.o.b., Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Prices in bags are $2 per ton higher than bulk prices.		
Metabisulphite, kgs.	lb.	.15 Nom.
Muriate, dom., min., 50% or 62% K_2O, bulk, ex-vessel ports.	unit-ton.	.53½- —
import, min. 50% or 60% K_2O, bulk, ex-vessel, Atlantic or Gulf port.	unit-ton.	.53½- —
Atlantic or Gulf ports.	ton.	32.10 - —
Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Price, basis f.o.b. Trona, Cal., are 8c. per unit of K_2O less than the ex-vessel price. Prices in bags are $2 per ton higher than the bulk price.		
Oxalate, pure, cryst., kgs.	lb.	.30 - .31
tech., bbls.	lb.	.25 - .26
Nitrate, crude, bgs., c.i.f. ports,	ton.	55.00 Nom.
Perchlorate, kgs., works	lb.	.09¼- .11
Permanganate, tech., dms.	lb.	.18½- .19
Prussiate, red, bbls.	lb.	.45 Nom.
Yellow, bbls.	lb.	.17 - .19
Ricinoleate, tech., bbls.	lb.	.12 - —
Silicate alkaline, lumps, bgs.	lb.	.07 - —
Sulphate, NF, cryst., 400 lbs., bbls.	lb.	.18 Nom.
100 lb. kgs.	lb.	.20 - —
powd., 350 lbs., bbls.	lb.	.19 Nom.
100 lb. kgs.	lb.	.21 - —
tech., dom., bgs., basis 90%, K^2SO_4, ex-vessel, ports.	ton.	No prices
bulk, same basis	ton.	No prices
imp., min., 90%, bgs., ex vessel Atl. or Gulf ports.	ton.	No prices
Xanthate, dms., c.l.	lb.	.13 - —
l.c.l.	lb.	.13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	No prices
Potash-soda ferricyanide, dms., works.	lb.	.36 - .39
Potash titanium oxalate, 350-lb. bbls.	lb.	.40 - —
100-lb. dms.	lb.	.45 - —
Prickly ash bark, bls.	lb.	.12 - .13
Berries, bgs.	lb.	.28 - .30
Prince's pine herb, bls.	lb.	.22 - .23
Propane, tanks, Group 3	gal.	.03¾- .04
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.	lb.	.75 - .80
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.	lb.	No prices
less than 3, works.	lb.	No prices
F and 1, bbls., 3 or over, works.	lb.	No prices
less than 3, works.	lb.	No prices
O, O-½, O-¾, and ½, bbls., 3 or over, works.	lb.	No prices
less than 3, works.	lb.	No prices
Ital.-grd., bgs., c.l., ship., ex dock, N.Y.	ton.	No prices
l.c.l., 5-29 tons, ex whse.	ton.	No prices
1,000-10,000 lbs., ex whse.	ton.	No prices
2 bgs., to 1,000 lbs., ex whse.	ton.	No prices
single bgs., ex whse.	ton.	No prices
Pumpkin seed, bgs.	lb.	.10 - .11
Purple lake (see Red).		
Putty, com'l, dms.	100 lbs.	3.15 - —
linseed oil, raw, dms.	100 lbs.	5.00 - —
refined, dms.	100 lbs.	5.50 - —
standard, dms.	100 lbs.	4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless.	gal.	7.15 - 7.50
(30 to 1), 3.6% pyrethrin, 55-gal. dms. (incl.), frt. alld., or dlvd., on 15 gals. or more, standard brand, colorless.	gal.	10.65 -11.00
Pyrethrum flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. lld., 15 tons or over.	lb.	.33 - .36
fine powd. Japan, bbls., ton lots frt. alld.	lb.	.35 - .37
Pyridin, denaturing, dms.	gal.	1.71 - —
refd., 2°, dms.	lb.	.51 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports.	unit-ton.	.12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins.	lb.	2.15 - 2.40
resublimed, fib., dms., tins.	lb.	4.60 - —
Pyrophylite, standard, 200 mesh, c.l., mines.	ton.	9.00 - —
325 mesh, same basis	ton.	12.00 - —
No. 3., 200 mesh, c.l., mines.	ton.	7.50 - —
325 mesh, same basis	ton.	10.50 - —
Pyroxylin scrap, amber, cs., works.	lb.	.12 - —
black, cs., works.	lb.	.10 - —
china white, ivory, cs., works,	lb.	.13 - —
dense, white, cs., works.	lb.	.10 - —
gray, cs., works.	lb.	.08 - —
mixed, mottles, opaque, cs., works.	lb.	.04 - —
translucent pastels, cs., works.	lb.	.10 - —
transparent, cs., works.	lb.	.20 - —
colors, cs., works.	lb.	.12 - —
shavings, amber, cs., works.	lb.	.16 - —
colors, mixed, cs., works.	lb.	.10 - —
white, cs., works.	lb.	.15 - —

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STANDARD SINCE 1881

Quassia—Soda Hyposulphite

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works..lb. .04 - —
tanks, works.....lb. .03½- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04½- —
clarified, 64%, bgs., c.l., same basis..lb. .04¾- —
Queen of the meadow leaves, bgs..lb. .07½- .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls..lb. .08½- .09½
solid, dms.....lb. .11 - .16½
Quicksilver, dom., flasks (76 lbs. net, dlvd., N.Y..flask.188.00 -190.00
European, flasks (76 lbs. net), c.i.f., N. Y., incl. war risk insurance..flask.207.00 - —
ex store.....flask.209.00 - —
Quince seed, bgs.....lb. 1.10 - 1.15
Quinidine, cryst., small, cns..oz. 1.01 - —
large, cns.....oz. 1.03 - —
powd., precip., cns.....oz. .96 - —
Sulphate, cns.....oz. .62 - —
Subject to a charge of 7c. per oz.; see note under Quinine.
Quinine, 100 ozs., cns.....oz. .80 - —
Acetate, cns.....oz. 1.02 - —
Arsenate, cns.....oz. 1.02 - —
Arsenite, cns.....oz. 1.04 - —
Bisulphate, cns.....oz. .57 - —
Citrate, cns.....oz. .75 - —
Dihydrobromide, bots.....oz. .78 - —
Dihydrochloride, bots.....oz. .78 - —
Ethylcarbonate, cns.....oz. .80 - —
Ferrocyanide, cns.....oz. 1.04 - —
Formate, cns.....oz. .97 - —
Glycerophosphate, cns.....oz. 1.17 - —
Hydrochloride, cns.....oz. .72 - —
Hydrochlorosulphate, cns....oz. .78 - —
Hydroiodide, cns.....oz. 1.02 - —
Hypophosphite, cns.....oz. 1.03 - —
Phosphate, cns.....oz. .86 - —
Salicylate, cns.....oz. .76 - —
Sulphate, USP, X, cns.....oz. .57 - —
USP, XI, cns.....oz. .64 - —
Sulphocarbonate, cns.....oz. 1.03 - —
Tannate, cns.....oz. .60 - —
Tartrate, cns.....oz. 1.00 - —
Valerate, cns.....oz. .96 - —
Quinine buyers must pay a surcharge of 7c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .78 - —
Subject to surcharge of 7c. per oz.; see note under Quinine.

R

R. salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch, black, bgs.....lb. .10 - .10½
red, bgs.....lb. .12 - .12½
Japanese, bgs.....lb. .08 - .08½
Raspberries, dried, bls.....lb. .60 - .65
Red, Alizarin lake, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots, same basis.lb. .95 - —
kgs., ton lots, same basis.lb. .95 - —
smaller lots, same basis.lb. 1.00 - —
light shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis.lb. .80 - —
light, shade, kgs., ton lots, same basis..lb. .80 - —
smaller lots, same basis.lb. .85 - —
light-medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis.lb. .85 - —
kgs., ton lots, same basis.lb. .85 - —
smaller lots, same basis.lb. .90 - —
maroon shades, bbls., ton lots, same basis..lb. 1.00 - —
smaller lots, same basis.lb. 1.05 - —
kgs., ton lots, same basis.lb. 1.05 - —
smaller lots, same basis.lb. 1.10 - —
medium shade, bbls., ton lots, same basis..lb. .85 - —
smaller lots, same basis.lb. .90 - —
medium shade, kgs., ton lots, same basis..lb. .90 - —
smaller lots, same basis.lb. .95 - —
Selenide, bbls., dark, works.lb. 2.70 - —
light, works.....lb. 2.40 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lbs...lb. 4.50 - —
50 lbs.....lb. 4.60 - —
cns., 5 lbs.....lb. 4.75 - —
1 lb.....lb. 4.85 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.35 - —
Indian, pure, bbls., f.o.b., Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
50%-85%, bbls., same basis.lb. .07¾- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis, alizarin, lake, contracts..lb. .90 - —
open order.....lb. .90 - —
Lithol toner, bbls., same basis, alizarin, lake, contracts..lb. .55 - —
open order.....lb. .60 - —
Rose lake, bbls.....lb. .20 - .22
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis, alizarin lake.....lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts.lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls.lb. 3.11 - —
Red, metallic, bbls., Pa., works, lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .70 - —
open order.....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .05 - —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05½- —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y. lb. .04½- —
Toluidine toner, kgs., same basis alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls, works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 3.27 - 3.32
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib., dms., 50 lbs. or more..lb. 3.36 - —
Red saunders wood, ground, bbls.lb. .12 - .17
Resorcinol, tech., 200 lb. dms., frt., alld., E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
U.S.P., cryst, 100 lb., dms., frt., alld., E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .12 - .14
Rhodinol, bots.....lb. 5.50 -10.00
Rhubarb, bots.....lb. .55 - .57
powd., bbls., kgs.....lb. .58 - .60
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .25¾- —
smaller lots.....lb. .26¼- —
powd., bbls., 5,000 lbs., 1 ship't..lb. .24¾- —
smaller lots.....lb. .25¼- —
Rose flowers, pale, bls.....lb. .50 - .60
red, bls.....lb. 2.50 - 3.00
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .09 - .10
Rosin, gum, B, bbls, ex dock 100 lbs. 1.70 - —
D, bbls.....100 lbs. 1.77 - —
E, bbls.....100 lbs. 1.89 - —
F, bbls.....100 lbs. 2.13 - —
G, bbls.....100 lbs. 2.15 - —
H, bbls.....100 lbs. 2.15 - —
I, bbls.....100 lbs. 2.15 - —
K, bbls.....100 lbs. 2.16 - —
M, bbls.....100 lbs. 2.23 - —
N, bbls.....100 lbs. 2.40 - —
W. G., bbls.....100 lbs. 2.68 - —
W. W., bbls.....100 lbs. 2.88 - —
X, bbls.....100 lbs. 2.92 - —
Rosin, wood, bbls.....100 lbs. 1.75 Nom.
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines....ton.37.50 - —
Rue, imported, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .35 - .40
Spanish, tins.....lb.28.00 -29.00
Safrol, cns.....lb. 1.05 - 1.10
dms.....lb. 1.00 - 1.05
Sage, Dalmatian, stemless.....lb. No stocks
garden, bls.....lb. .36 - .37
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 7.04 - —
cns., 25 lbs.....lb. 7.00 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N.Y...ton.13.20 -13.38
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton.15.70 - —
l.c.l., dlvd.. N.Y.....ton.16.60 -19.70
Saltcake, grd., dom., bbls., works, ton.24.00 Nom.
bulk, works.....ton.17.00 Nom.
import, bulk, c.i.f.....ton.20.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 8.10 - 9.10
1-9 tons.....100 lbs. 8.25 - 9.25
less than ton lots..100 lbs. 8.50 - 9.50
gran., bbls., 10-20 tons, 100 lbs. 7.10 - —
1-9 tons.....100 lbs. 7.25 - —
less than ton lots..100 lbs. 7.50 - —
powd., bbls., 10-20 tons.100 lbs. 8.10 - —
1-9 tons.....100 lbs. 8.25 - —
less than ton lots..100 lbs. 8.50 - —
Santonin, cryst., cns.....kilo.145.00 -150.00
Saponin, crude, cns.....lb. 2.25 - 2.50
purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls.lb. .30 - .31
Mexican, bls.....lb. .13 - .14
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bbls.....lb. .28 - .30
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .09
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipmt..lb. .20¼- —
smaller lots.....lb. .20¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .20¾- —
smaller lots.....lb. .21¼- —
Selenium, pwd., A, 10-lb. tins..lb 2.00 - —
100-lbs. cases.....lb 1.75 - —
Senega root, spot, bls.....lb. .52 - .53
Senna leaves, Alexandria, half leaf, bls..lb. .16 - .17
siftings, bgs.....lb. .16 - .17
Tinnevelly, No. 1, bls.....lb. .12 - .13
2 bls.....lb. .10 - .11
3 bls.....lb. .08½- .09
powd., bbls., bxs.....lb. .12 - .13
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. .70 - .75
Shellac, bleached, bonedry, obls., f.o.b., N.Y..lb. .25 - .26
dlvd., Boston.....lb. .25½- .26½
Chicago.....lb. .25¾- .26¾
Pacific Coast.....lb. .28 - .29
rfd., bbls., f.o.b. N.Y....lb. .31 - .32
dlvd., Boston.....lb. .31½- .32½
Chicago.....lb. .31¾- .32¾
Pacific Coast.....lb. .34 - .35
Garnet, bgs.....lb. .19½- —
Orange, D.C., VSO., Diamond I, cases..lb. .25½- .26
Superfine, bgs., f.o.b. Bost., N. Y..lb. .14½- —
dlvd., Chicago.....lb. .15 - .15½
Pacific Coast.....lb. .17½- .18
T.N., bgs., f.o.b. Bost., N.Y.lb. .14 - .14½
dlvd., Chicago.....lb. .14½- .15
Pacific Coast.....lb. .17 - .17½
Shellac, varnish, Metro., area, orange, 5-lb. cut., bbls., gal. 1.05 - 1.10
4½-lb. cut, bbls.....gal. 1.00 - 1.05
4-lb. cut, bbls.....gal. .95 - 1.00
white, 5-lb. cut, bbls.....gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....gal. 1.05 - 1.10
Prices, dlvd., Boston or Chicago, 10c. per gal. higher.
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works, ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 - —
smaller lots, works.ton.23.00 - —
400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works, ton.35.00 - —
smaller lots, works..ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works..ton.21.50 - —
smaller lots, works, ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99½%, 325 mesh, bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .34¾- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 2,500 ozs....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .26¾- —
Nucleinate, bots., cns., 480-oz. lots..oz. .30 - .31
Proteinate, bots., cns., 480-oz. lots..oz. .29 - .30
Simarubra barks, bls.....lb. .30 - .35
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .20 - .22
Smalt, black, extra velvet, cnts., lb. .05 - .09
Blue, cnts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .13 - .14
crushed, bls., bbls.....lb. .17 - .18
cut, German, bls., bbls.....lb. no stocks
dom., bbls.....lb. .22 - .23
powd., bbls.....lb. .20 - .21
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works..lb. .71 - .96
Antimoniate, bbls., dlvd.....lb. .14½- .15
Arsenate, dms., dealers, c.l., works..lb. .07 - .08
l.c.l., dms., works.....lb. .07¾- .08¾
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06½- .07½
l.c.l., dms., works.....lb. .07¼- .09¼
white, dms., c.l., dealers, works..lb. .08 - .09
l.c.l., dms., works.....lb. .08¾- .10¾
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.53 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.45 - —
2.....100 lbs. 2.60 - —
3.....100 lbs. 2.85 - —
4.....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U. S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia., parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyo.
Soda, benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l.....100 lbs. 1.90 - 1.95
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd., N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works..100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fiber dms., 100 lbs.....lb. .28 - —
Cacodylate, 1-kilo bots.....lb. 6.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2.....100 lbs. 3.70 - 5.05
3.....100 lbs. 3.95 - 5.30
4.....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works, 100 lbs. 1.95 - —
70%, buyers, tanks, works.. 100 lbs. 1.97½- —
sellers' tanks, works, 100 lbs. 2.00 - —
solid 76% ammon., process, dms., c.l., works.100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2.....100 lbs. 3.30 - —
3.....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works...lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .08¾- —
Citrate, USP VIII, 225-lb. bbls., lb. .18¼- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
USP XI, powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 96% cs.....lb. No price
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .07 - —
l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots, lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .20 - .22
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd., 100 lbs., 2.25 - —
bbls., same basis...100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd..100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60

Soda, hyposulphite, pea, 500 to 2,500 lbs., works....100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.53 - 2.59
Mandelate, dms., 100-lb. dms.lb. 3.25 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, anhyd., dms., c.l., works, frt. equal'd..100 lbs. 3.75 - —
15 dms. and over, dlvd. N.Y..100 lbs. 4.65 - —
3-14 dms., same basis.. 100 lbs. 4.80 - —
1-2 dms., same basis.. 100 lbs. 5.05 - —
gran., bbls., c.l., works....lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N. Y....lb. 3.35 - —
Molybdate, kgs., works.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, August rail or boat shipment..ton.29.00 - —
200 lb. bgs.. same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons.100 lbs. 5.50 - —
1-9 tons.....100 lbs. 5.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Orthosilicate, flake, dms., c.l., works..100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¾- —
Pentachlorphenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 6.10 - —
bbls., c.l., works...100 lbs. 5.35 - —
l.c.l., works.....100 lbs. 6.30 - —
cryst., tech., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.50 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.70 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works...lb. 2.25 - —
l.c.l., works.....100 lbs. 2.65 - —
bbls., c.l., works..100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.85 - —
kgs., c.l., works...100 lbs. 2.95 - —
l.c.l., works.....100 lbs. 3.35 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11¼- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10¼- —
contracts .....lb. .09¼- —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhyd., bgs., c.l., works, frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis...100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal., bgs., dlvd. N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquicarbonate, bgs., c.l.,works, 100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1...100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.
Sesquisilicate, dms., c.l., works, 100 lbs. 2.90 - —
10 dms. or over, dlvd. N. Y. C..lb. 4.00 - —
1-9 dms.....lb. 4.25 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. No prices
Import, bbls.....lb. .08½ Nom.
Stannate, dms.....lb. No price
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over., dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
cryst., bgs., 100 lbs., works, lb. 2.10 - 2.25
bbls. .....100 lbs. 2.30 - 2.55
Sulphite, powd., bbls., c.l., 100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphydrate, liquid, 45%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works..lb. .08 - —
tanks, works.....lb. .04½- —

Soda, Hyposulph.—Sulph., Prec.

Soda, sulphoricinoleate, bbls...lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, naphtha, dms., wks..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
High-flash, dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
Sorbitol, com'l, dms., c.l., works, lb. .14¾- —
ton lots, contracts, works, lb. .15½- —
smaller lots, works.....lb. .15¾- —
Soybean protein, bgs., c.l., works, lb. .12 - —
l.c.l., works.....lb. .12¼- .15
Sparteine sulphate, cns.....oz. 1.50 - 1.60
Spearmint leaves, bls.....lb. .28 - .29
Spikenard root, bls.....lb. .18 - .20
Spruce extract, reg., bbls., c.l., works..lb. .01⅝- —
tanks, works.....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01⅞- —
tanks works.....lb. .01¾- —
Squawvine, leaves, bls.....lb. .14 - .15
Squill, white, bls.....lb. .30 - .35
powd., bbls., bxs.....lb. .35 - .40
St. Ignatius beans, bgs.....lb. .45 - .46
St. John's Bread, edible, bls., lb. .12 - .13
inedible, bls.....lb. .09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.90 - —
dlvd., N. Y.....100 lbs. 3.25 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.00 - —
dlvd., N. Y.....100 lbs. 3.35 - —
Potato, dom., bgs.....lb. .06½- .07⅛
import, bgs.....lb. No price
Rice, bbls.....lb. .07½- .08⅛
Sweetpotato, bgs.....lb. .06¾- —
bbls. .....lb. .07 - —
Wheat, thick, boil, bgs.....lb. .05¼- —
Starch, iodide, bots.....lb. 1.87 - —
Staveacre, seed, bgs.....lb. .32 - .33
Stearin, oleo, bbls.....lb. .05¼ Nom.
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .60 - .65
Stramonium leaves, bls.....lb. .25 - .30
Seeds, bgs.....lb. .30 - .35
Strontium bromide, fib. dms...lb. .54 - .55
kgs., 150 lbs.....lb. .52 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. No prices
tech., 99-100%, precip., bbl., lb. No prices
Chloride, tech., bbls.....lb. .20 - —
Iodide, bots., 5 lbs.....lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 3.75 - 4.00
Styalyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz .60 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulpnate, cryst., cns., 100 oz. lots..oz. .50 - —
powd., cns., 100-oz. lots.oz. .40 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.45
Milk, bbls., c.l.....lb. .16 - —
l.c.l., 10 or over.....lb. .17 - —
less than 10.....lb. .18 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.70 - —
fib. dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
25-lb. lots.....lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-grain bots..bot. 1.25 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works....100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., wks., 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.93 - —
l.c.l., bgs., works..100 lbs. 1.95 - 1.95
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.35 - —
bbls., works.....100 lbs. 3.20 - —
l.c.l., bgs., works....100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l.,works.100 lbs. 2.55 - —
bbls., works.....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works.....100 lbs. 3.25 - 3.65
light, bgs., c.l., works.100 lbs. 2.65 - —
bbls., works.....100 lbs. 3.00 - —
l.c.l., bgs., works....100 lbs. 3.00 - 3.40
bbls., works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works..100 lbs. 2.50 - 2.90
roll, bgs., c.l.....100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.75 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
rubber maker's, com'l, 99%, c.l., frt. alld..100 lbs. 2.00 - —
bbls., same basis, c.l., 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit, cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls., works..lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .22

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Sumac—Wax, Montan

Sumac, grd., Sicilian, f.a.s.	ton.	No price
leaf, f.a.s.	ton.	No prices
Extract, 42°, bbls.	lb.	.06 - .06¼
51°, bbls.	lb.	.07 - .07¼
stainless, bbls.	lb.	.09 - .11
Berries, bgs.	lb.	.14 - .15
Sunflower seed, Calif., large, bgs.,	lb.	.07 - .07½
medium, bgs.	lb.	.06 - .06½
poultry, bgs.	lb.	.05 - .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto.,	ton.	8.50 - —
run-of-pile, basis 16%, bulk, same basis	ton.	8.00 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto.	unit-ton.	.68 - —

T

Talc., dom., Calif., 1, bgs., c.l., mills.	ton.	20.00 - —
2, bgs., c.l., mills.	ton.	17.00 - —
N. Y., fibrous, 98-94%, 325 mesh, bgs., c.l., mills,	ton.	14.00 -16.00
l.c.l., mills.	ton.	16.00 -1800
96-98%, 325 mesh, c.l., mills.	ton.	15.00 -17.00
l.c.l. mills.	ton.	17.00 -19.00
98-99½%, 325 mesh, bgs., c.l., mills.	ton.	15.25 -17.25
l.c.l., mills.	ton.	17.25 -19.25
99.85-99.95%, 325 mesh, bgs., c.l., mills.	ton.	17.00 -19.00
coarse, off color, bgs., c.l., mills.	ton.	11.00 -13.00
Ohio, flake, type, grd., bgs., c.l., mills.	ton.	21.00 - —
l.c.l., mills.	ton.	24.50 - —
Vermont, bgs., c.l., mills	ton.	14.00 - —
l.c.l., ex whse.	ton.	25.00 - —
Canad., bgs., c.l., mills.	ton.	No prices
French, high-grade, bgs., l.c.l., ex whse.	ton.	No prices
ordinary, bgs., c.l., ex dock, arrival.	ton.	No prices
l.c.l. ex whse.	ton.	No prices
Italian, 1, bgs., ex dock, arrival,	ton.	No prices
ex whse.	ton.	No prices
2, bgs., ex dock, arrival.	ton.	No prices
Tallow, animal, edible	lb.	.04½ Nom.
extra, loose	lb.	.03⅝- —
special, loose	lb.	.03½- —
sulphonated, 35% (24% fat), dms., c.l.	lb.	.03⅞- —
l.c.l.	lb.	.04⅞- —
50% (43% fat), dms., c.l.,	lb.	.05⅝- —
l.c.l.	lb.	.06⅜- —
50% (48% fat), dms., c.l.	lb.	.05½- —
l.c.l.	lb.	.06⅜- —
Tamarind, No. 1, bbls.	lb.	.06 - .07
Kegs	keg.	6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y.	unit-ton.	2.25 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi.	unit-ton.	2.25 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y.	unit-ton.	2.25 & .10
high-grade, bulk, Chicago,	unit-ton.	2.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Aug. shipt.		2.40 & .10
Tansy leaves, bls.	lb.	.22 - .23
Tapioca flour, bgs.	lb.	.03 - .05
Tar acid oil, 15%, dms., c.l., works.	gal.	.22 - —
l.c.l., same basis	gal.	.24 - —
25%, dms., c.l., works.	gal.	.25 - —
l.c.l., same basis	gal.	.27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities.	gal.	.27 - —
ports	gal.	.26 - —
l.c.l.	gal.	.27 - —
tanks, dlvd, E. cities.	gal.	.21 - —
Tarragon herb, bgs.	lb.	.65 - .70
Tartar emetic, tech., fine gran., bbls., 5 or more	lb.	.34¾ Nom.
less than 5	lb.	.35 Nom.
powd., bbls., 5 or more	lb.	.34¾ Nom.
less than 5	lb.	.35 Nom.
USP, powd., bbls.	lb.	.40 Nom.
Terebene, cans.	lb.	.75 - .85
Terpinyl acetate, cns.	lb.	.82 - .85
Terpin hydrate, bgs.	lb.	.60 - .65
Terpineol, CP, cns.	lb.	.28 - —
dms	lb.	.25 - —
alpha, denat. grade, dms., c.l., wks., net wgt.	lb.	.17 - —
Terra alba (see Gypsum).		
Tetrachloroethane, dms., wks	lb.	.08 - .08½
Tetrachloroethylene, CP, dms.	lb.	.21½- —
tech. (see Perchloroethylene).		
Tetralin, dms.	lb.	.18 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).		
Thallium sulphate, 99% pure, bots., works.	lb.	5.00 - 7.00
Theobromine, dms.	lb.	2.90 - 3.00
Sodiosalicylate, cns.	lb.	2.15 Nom.
dms.	lb.	1.95 Nom.
5-lb. bots.	lb.	2.31 - 2.36
Thiocarbanilide, dms.	lb.	.24 - —
Thorium, nitrate, cs., works.	lb.	2.00 - —
Thyme, French, bls.	lb.	.29 - .30
Thymol, dms., 100 lbs.	lb.	1.50 - —
cns. 25 lbs.	lb.	1.55 - 1.60
Iodide, kgs., 50 lbs.	lb.	3.40 - —
25 lbs.	lb.	3.50 - —
Timbo, root, powd., 4% rotenone, bbls.	lb.	.18 - .24
5% rotenone, bbls.	lb.	.22 - .30
Thiamine hydrochloride, cns.	gram.	1.40 - 1.55
Tin chloride (ous), anhyd.	lb.	No price
Crystals, bbls., kgs.	lb.	No price
Metal, Straits	lb.	.52 - —
Oxide, bbls.	lb.	.55 - —
Tetrachloride, anhyd., bbls.	lb.	.25½- —
Titanium, dioxide, bgs., c.l., (20 tons), frt. pd.	lb.	.13 - —
l.c.l., 5 tons, E. frt. pd.	lb.	.13¼- —
Pac. Cst., ex whse.	lb.	.13¼- —
1,000-9,999 lbs., E. frt. pd.	lb.	.13½- —
Pac. Cst., ex whse.	lb.	.13½- —
50-999 lbs., E. frt. pd.	lb.	.13⅝- —
Pac. Cst., ex whse.	lb.	.13⅝- —
under 50 lbs., E. frt. pd.	lb.	.16 - —
Pac. Cst., ex whse.	lb.	.16 - —
bbls., c.l. (20 tons), frt. pd.	lb.	.13¼- —
l.c.l., 5 tons, E. frt. pd.	lb.	.13½- —
Pac. Cst., ex whse.	lb.	.13½- —
1,000-9,999 lbs., E. frt. pd.,	lb.	.13⅝- —
Pac. Cst., ex whse.	lb.	.13⅝- —
50-999 lbs., E. frt. pd.	lb.	.14 - —
Pac. Cst., ex whse.	lb.	.14 - —
chalk resistant, bgs., c.l., (20 tons), frt. pd.	lb.	.15 - —
l.c.l., 5 tons, frt. pd.	lb.	.15¼- —
1,000-9,999 lbs., frt. pd.	lb.	.15½- —
50-999 lbs., frt. pd.	lb.	.15⅝- —
Under 50 lbs., frt. pd.	lb.	.18 - —
bbls., c.l., (20 tons), frt. pd.	lb.	.15¼- —
l.c.l., 5 tons, E. frt. pd.	lb.	.15½- —
Pac. Cst., ex whse.	lb.	.15½- —
1,000-9,999 lbs., E. frt. pd.	lb.	.15⅝- —
Pac. Cst., ex whse.	lb.	.15⅝- —
50-999 lbs., E. frt. pd.	lb.	.16 - —
Pac. Cst., ex whse.	lb.	.16 - —
high-hiding, bgs., c.l. (20 tons), frt. pd.	lb.	.14 - —
l.c.l., 5 tons, frt. pd.	lb.	.14¼- —
1,000-9,999 lbs., frt. pd.	lb.	.14½- —
50-999 lb., frt. pd.	lb.	.14⅝- —
bbls., c.l. (20 tons), frt. pd.	lb.	.14¼- —
l.c.l., 5 tons, E., frt. pd.	lb.	.14½- —
Pac. Cst., ex whse.	lb.	.14½- —
1,000-9,999 lbs., E. frt. pd.	lb.	.14⅝- —
50-999 lbs., E. frt. pd.	lb.	.15 - —
Pac. Cst., ex whse.	lb.	.15 - —
Titanium, barium or magnesium base, bgs., c.l., D. frt. alld.	lb.	.05¼- —
l.c.l., dlvd.	lb.	.05½- —
Pac. Cst., ex whse.	lb.	.05½- —
under 50 lbs., E. dlvd.	lb.	.06¼- —
bbls., c.l., D., frt. alld.	lb.	.05½- —
l.c.l., E., dlvd.	lb.	.05¾- —
Pac. Cst., ex whse.	lb.	.05¾- —
under 50 lbs., E. dlvd.	lb.	.06½- —
calcium base, bgs., c.l., D. frt. alld.	lb.	.05 - —
l.c.l., dlvd.	lb.	.05¼- —
Pac. Cst., ex whse.	lb.	.05¼- —
under 50 lbs., E. dlvd.	lb.	.06 - —
bbls., c.l., D., frt. alld.	lb.	.05¼- —
l.c.l., E., dlvd.	lb.	.05½- —
Pac. Cst., ex whse.	lb.	.05½- —
under 50 lbs., E. dlvd.	lb.	.06¼- —
Tolidin base, distilled, kgs.	lb.	.96 - —
Tolu, balsam, cns.	lb.	1.60 - 1.70
Toluidin, mixed, dms.	lb.	.26 - —
Toluol (toluene), 2° indus., dms., returnable	gal.	.32 - —
tanks, E. of Omaha, frt. alld.,	gal.	.27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo.	gal.	.27 - —
1° nitration, dms., returnable,	gal.	.33½- —
tanks, E. of Omaha, frt. alld.,	gal.	.28½- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.28½- —
Tonka vine, F, bls.	lb.	.65 - .70
root, bls.	lb.	.65 - .70
Tonka beans, Angostura, cks.	lb.	2.40 - 2.50
Brazilian, Surinam, cs.	lb.	.80 - .90
Triacetin, dms.	lb.	.26 - —
Triamyl borate, dms., l.c.l., works,	lb.	.27 - —
Triamylamine, dms., c.l., works,	lb.	.77 - —
l.c.l., works.	lb.	.78 - .80
tanks	lb.	.75 - —
Tributylamine, dms., c.l., works,	lb.	.67 - —
l.c.l.	lb.	.68 - .70
tanks	lb.	.65 - —
Tributyl citrate, ton lots, 475 lb. dms.	lb.	.24 - —
smaller lots.	lb.	.26 - —
Phosphate, dms., l.c.l., dlvd.,	lb.	.42 - —
cns., works.	lb.	.46 - .48
Trichlorobenzene, dms., c.l., frt. alld.	lb.	.07 - —
l.c.l., same basis.	lb.	.07½- —
tanks	lb.	.06½- —
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1.	lb.	.08 - —
l.c.l., same basis.	lb.	.08½- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½- —
l.c.l., same basis.	lb.	.09 - —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis.	lb.	.09½- —
Zone 4, dms., c.l., f.o.b. stock points.	lb.	.09 - —
l.c.l., same basis.	lb.	.09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.: S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns.,	divd. lb.	.40½- .51½
dms., c.l., divd.	lb.	.34½- —
tech., dms., c.l.	lb.	.22 - —
500 lbs., dms.	lb.	.22½- —
less than 500 lbs.	lb.	.25½- .36½
Triethanolamine, dms., c.l., works,	lb.	.19 - —
l.c.l., works.	lb.	.20 - —
tanks, works.	lb.	.18 - —
Triethylamine, dms., l.c.l., works,	lb.	1.05 - —
Triethyl citrate, ton lots, 500 lb. dms.	lb.	.24 - —
smaller lots.	lb.	.26 - —
Triethyl phosphate, dms., dlvd.,	lb.	.45 - —
Triethyleneglycol, dms., l.c.l., works.	lb.	.26 - —
Trimethyl phosphate, cns.	lb.	.54 - .56
dms., dlvd.	lb.	.50 - —
Trimethylamine, dms., c.l., dlvd.,	lb.	1.00 - —
l.c.l., dlvd.	lb.	1.05 - —
Triphenyl phosphate, dms.	lb.	.38 - —
Tripoli, air-floated, bgs., c.l., works.	ton.	26.00 - —
double grd., bgs., c.l., works	ton.	16.00 - —
once-grd., bgs., c.l., works.	ton.	14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).		
Tungsten metal powd., 99%, dms., works.	lb.	No prices
Oxide, CP, kgs.	lb.	No prices
Chem., grade, kgs.	lb.	No prices
Turmeric root, Alleppey, bgs.	lb.	.07½- .08
Madras, bgs.	lb.	.07¾- .08¼
Turpentine, spirits, gum, bbls., c.l. ex dock.	gal.	.33¼- —
l.c.l., 10 ex dock.	gal.	.35¼- —
5 ex dock.	gal.	.37¼- —
wood dest., dist., dms., c.l., dlvd. E. ports.	gal.	.26 - —
l.c.l.	gal.	.28 - —
tanks, dlvd. E. cities.	gal.	.21 - —
steam-dist., dms., c.l., dlvd.	gal.	.27 - —
l.c.l., dlvd.	gal.	.30 - —
tanks, dlvd.	gal.	.22 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).		
Uranium oxide, black, kgs.	lb.	2.65 - 3.05
yellow, kgs.	lb.	1.75 - 2.00
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N.C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans.	ton.	85.00 - —
5 tons, f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del.	ton.	85.00 - —
less than 5 tons, f.o.b. Newark, New York, Philadelphia	ton.	91.00 - —
any quantity, f.o.b. Belle, W. Va.	ton.	85.00 - —
Import, 40% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.	ton.	No price
40% N., bgs., smaller lots, f.o.b. N. Y. from whse.	ton.	No prices
pure, cs.	lb.	.12 - —
Urea-ammonia, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports	ton.	57.40 - —
bags, same basis.	ton.	59.40 - —
liquor, basis 45% N., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports.	ton.	121.58 - —
basis 37% N (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports.	ton.	127.00 - —
Uva ursi leaves, bls.	lb.	.12 - .14

V

Valerian root, bls.	lb.	.80 - .85
Valonia, beards, bgs., f.a.s.	ton.	56.00 - —
cups, bgs., f.a.s.	ton.	42.00 -44.00
Vanadium pentoxide, C.P., bgs., cns., works.	lb.	7.00 - —
tech., dms., works.	lb.	1.10 - —
Vanilla beans, Bourbon, tins.	lb.	7.00 - 7.50
Mexican, tins.	lb.	7.25 - 7.50
cuts, tins.	lb.	7.00 - 7.25
South American, tins.	lb.	7.00 - 7.25
oleoresin, bots.	lb.	18.00 -19.00
Vanillin, ex eugenol, 25-lb. tins,	lb.	2.60 - —
5-lb. tins.	lb.	2.65 - —
1-lb. tins.	lb.	2.75 - —
ex guaiacol, 25-lb. tins.	lb.	2.50 - —
5-lb. tins.	lb.	2.55 - —
1-lb. tins.	lb.	2.65 - —
ex lignin, 25-lb. tins.	lb.	2.50 - —
5-lb. tins.	lb.	2.55 - —
1-lb. tins.	lb.	2.65 - —
Venice turpentine, true, cs.	lb.	.70 - .75
Verdigris, bbls., kgs.	lb.	.22 - .23
Vinyl acetate, cns., works.	lb.	.25 - —
dms., c.l., 30,000 lbs. gross, works.	lb.	.14 - —
l.c.l., works.	lb.	.15 - —
5 gals., dms., works.	lb.	.25 - —
Violet, methyl, toner (see M).		
V.M.P. naphtha (see petroleum naphtha, v.m.p.).		

W

Wahoo bark, bls.	lb.	.45 - .46
tree	lb.	.19 - .22
Wattle bark, bgs., f.a.s.	ton.	37.50 -39.50
Extract, solid, bgs.	lb.	.03⅞- —
Wax, bayberry, import, bgs.	lb.	.22 - .23
Bees, white, bleach, slabs, cs., 1 to 5 case lots.	lb.	.35 - —
cakes, 1 to 5 cs. lots.	lb.	.36 - —
discs, 1 to 5 cs. lots	lb.	.37 - —
yellow, crude, Africa, 10-bg. lots.	lb.	.23 - .23½
1 bg.	lb.	.23½- .24
Brazil, bgs, 5-ton lots.	lb.	.24 - .24½
1 ton.	lb.	.24½- .25
500 lbs.	lb.	.25 - .25½
100 lbs.	lb.	.25½- .26
refd., slabs, cs., lbs.	lb.	.29 - .31
Candelilla, bgs., 1 ton.	lb.	.18½- .19
jobbing lots.	lb.	.19 - .19½
Carnauba, No. 3 chalky, bgs., 1 ton.	lb.	.43 - .44
5 bgs.	lb.	.43½- .44½
1 bg.	lb.	.44 - .45
N. C., 2 bgs., 1 ton.	lb.	.51 - .52
N. C., 3 bgs., 1 ton.	lb.	.44 - .45
5 bgs.	lb.	.44½- .45½
1 bg.	lb.	.45 - .46
refined, bgs.	lb.	.49 - .50
yellow, No. 1, bgs., 1 ton.	lb.	.56 - .57
5 bgs.	lb.	.56½- .57½
1 bg.	lb.	.57 - .58
No. 2, bgs.	lb.	.55 - .56
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton.	lb.	.11½- .12
jobbing lots.	lb.	.12½- .13
150°-160° m.p., bgs., 1 ton.	lb.	.13½- .14
jobbing lots.	lb.	.14½- .15
160° m.p. bgs., 1 ton.	lb.	.13½- .14
jobbings lots	lb.	.14½- .15
Japan, cs.	lb.	.15½- .16
Montan bgs., c.l.	lb.	No prices
5 tons.	lb.	No prices
less than 1 ton.	lb.	No prices

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METAL CLEANERS
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Wax, ozokerite, hard, green congeal. p. 66°-68° C., bgs.	lb.	No prices	
70°-72° C., bgs.	lb.	No prices	
74°-76° C., bgs.	lb.	No prices	
Snow-white, pure, 76°-78° C., bgs.	lb.	No prices	
yellow, natural, 76°-78° C., bgs.	lb.	No prices	
Paraffin (see P).			
Spermaceti, blocks, cs.	lb.	.22 -	.23
cakes, cs.	lb.	.23 -	.24
White lead (see Lead, white).			
White pine bark, rossed, bls.	lb.	.07 -	.08
White precipitate, powd., dms., 50 lbs. or more.	lb.	2.74 -	—
Whiting, chalk, com'l., dry-grd., blp., bgs., c.l., works.	ton.	16.00 -	20.00
l.c.l., works.	ton.	18.00 -	22.00
bbls., c.l., works.	ton.	19.00 -	24.00
l.c.l., works.	ton.	21.00 -	26.00
pap, bgs., c.l., works.	ton.	15.00 -	18.00
l.c.l., works.	ton.	17.00 -	20.00
wet-grnd., blp., bgs., c.l., works.	ton.	18.50 -	22.50
l.c.l., works.	ton.	19.00 -	23.00
bbls., c.l., works.	ton.	21.00 -	25.00
gilder's bolted, blp., bgs., c.l., works.	ton.	18.00 -	—
l.c.l., works.	ton.	19.00 -	—
bbls., c.l., works.	ton.	20.00 -	21.00
l.c.l., works.	ton.	21.00 -	22.00
pap, bgs., c.l., works.	ton.	17.00 -	18.50
l.c.l., works.	ton.	18.00 -	19.00
paris white, blp., bgs., c.l. works.	ton.	19.00 -	—
l.c.l., works.	ton.	20.00 -	—
bbls., c.l., works.	ton.	22.50 -	27.50
l.c.l., works.	ton.	22.00 -	28.00
pap. bags, c.l., works.	ton.	19.60 -	25.10
l.c.l., works.	ton.	20.00 -	26.50
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l.	ton.	9.65 -	—
200 mesh, paper bgs., c.l., same basis.	ton.	8.60 -	—
99%, 200 mesh, paper bgs., c.l., same basis.	ton.	6.25 -	—
gilders, bgs. (extra), c.l., works.	ton.	11.50 -	—
l.c.l., 820 tons, works.	ton.	12.50 -	—
4-8 tons, works.	ton.	13.50 -	—
2-4 tons, works.	ton.	14.50 -	—
extra bgs. (extra), c.l., works.	ton.	12.50 -	—
8-20 tons, works.	ton.	13.50 -	—
4-8 tons, works.	ton.	14.50 -	—
2-4 tons, works.	ton.	15.50 -	—
putty grade, bgs. (extra), c.l., works.	ton.	11.00 -	—
l.c.l., 8-20 tons, works.	ton.	12.50 -	—
4-8 tons, works.	ton.	13.00 -	—
2-4 tons, works.	ton.	14.00 -	—
water-floated, bgs. (extra), c.l., works.	ton.	11.50 -	—
l.c.l., 8-20 tons, works.	ton.	12.50 -	—
4-8 tons, works.	ton.	13.50 -	—
2-4 tons, works.	ton.	14.50 -	—
precipitated, bgs., c.l., works.	ton.	15.00 -	—
l.c.l., 5 tons, works.	ton.	20.00 -	—
smaller lots, works.	ton.	25.00 -	—
Wild cherry bark, thick, natural, bls.	lb.	.07 -	.08
rossed, bls.	lb.	.05 -	.06
thin, natural, bls.	lb.	.07 -	.08
rossed, green, bls.	lb.	.10 -	.11
Wild indigo root, bls.	lb.	.13 -	.14
Witch-hazel extract, dist., NF, tax extra, bbls.	gal.	.40 -	.45
leaves, bls.	lb.	.07 -	.09
Witherite (see Barium carbonate, natural).			
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N. Y.	ton.	24.00 -	25.00
80 mesh, same basis.	ton.	26.00 -	28.00
100 mesh, same basis.	ton.	30.00 -	32.00
import, 70 mesh, bgs., ex dock,	ton.	No prices	
80 mesh, bgs., ex dock.	ton.	No prices	
100 mesh, bgs., ex dock.	ton.	No prices	
120 mesh, bgs., ex dock.	ton.	No prices	
Wormseed, American, bgs.	lb.	.07 -	.08
Levant, bgs.	lb.	5.00 -	6.00
Wormwood, bls.	lb.	.23 -	.25

X

Xylol (xylene), indus., dms., returnable, works.	gal.	.31 -	—
tanks, E. of Omaha, frt. alld.	gal.	.26 -	—
tanks, W. Coast, f.o.b. Minnequa, Colo.	gal.	.26 -	—
10°, dms., returnable, works.	gal.	.34 -	—
tanks, E. of Omaha, frt. alld.	gal.	.29 -	—
5°, dms., returnable, works.	gal.	.41 -	—
tanks, E of Omaha, frt. alld.	gal.	.39 -	—
3°, dms., returnable, works.	gal.	.48 -	—
tanks, E. of Omaha, frt. alld.	gal.	.46 -	—
Xylidin, mixed, dms.	lb.	.35 -	.36

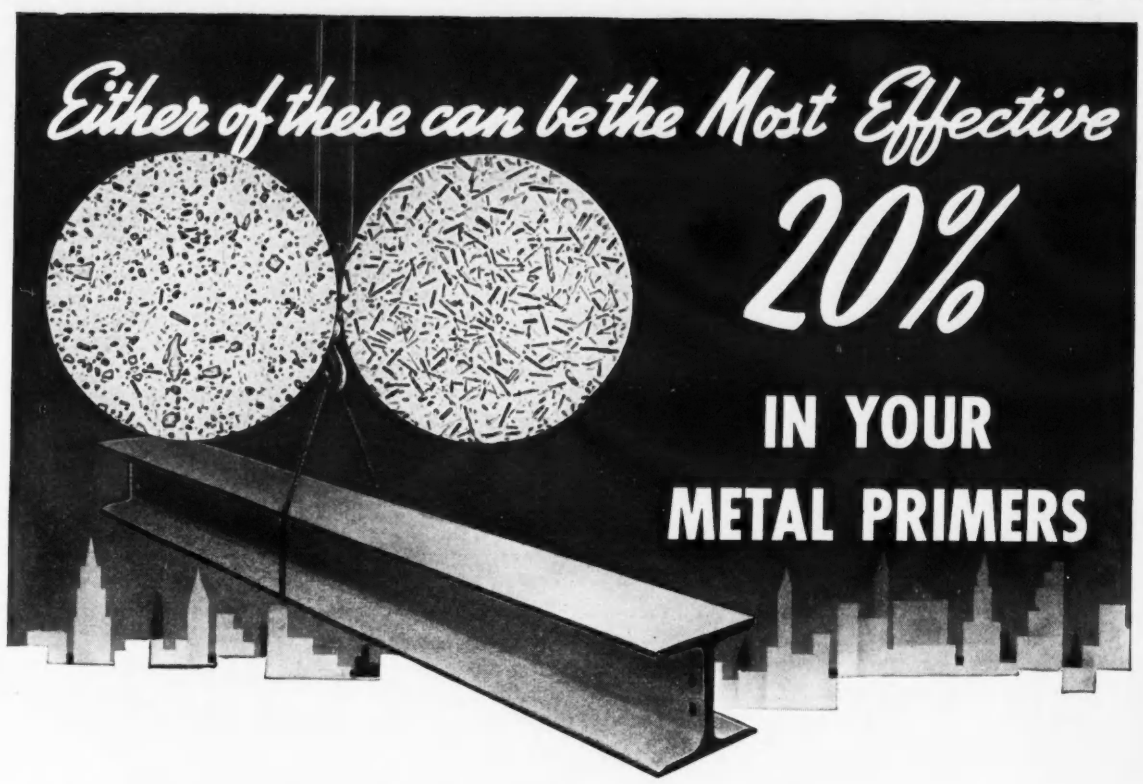
Y

Yara yara, cryst., cns.	lb.	1.25 -	1.55
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York.	lb.	.55 -	—
bottles, same basis.	lb.	.60 -	.64
imp., bbl., same basis.	lb.	.55 -	—
Cadmium, CP, import., bxs.	lb.	1.35 -	1.40
lithopone, all shades, bbls., 1 ton, works., frt. alld.	lb.	.50 -	—
smaller lots ,same basis.	lb.	.55 -	—
kgs., ton lots, same basis,	lb.	.55 -	—
smaller lots, same basis,	lb.	.60 -	—
Sulphide, orange, bbls., works,	lb.	.75 -	—
Chrome, CP., bbls., dlvd., N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul contracts	lb.	.13½-	—
open order	lb.	.14½-	—
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch, pink, bbls.	lb.	.09 -	.11
Hansa, bbls., same basis, chrome.	lb.	1.37 -	—
primrose shade, bbls., same basis, chrome.	lb.	1.75 -	—
Mercury oxide (see M).			
Ocher, Amer., golden A, bbls., works.	lb.	.06½-	—
B, bbls., works.	lb.	.04½-	—
C, bbls., works.	lb.	.05¾-	—
Yellow, ocher, yellow A, bbls., works.	lb.	.02¼-	—
yellow A, bbls., works.	lb.	.02¼-	—
B, bbls., works.	lb.	.02¼-	—
C, bbls., works.	lb.	.02 -	—
D, bbls., works.	lb.	.0195-	—
E, bbls., works.	lb.	.01775-	—
F, bbls., works.	lb.	.01½-	—
G, bbls., works.	lb.	.01½-	—
H, bbls., works.	lb.	.01⅝-	—
French, all shades, cks., c.l., ex dock, Balto., Boston, N. Orleans for import.	lb.	.02475	Nom.
New York (f.o.b.).	lb.	.02⅝	Nom.
Philadelphia for import.	lb.	.02¾	Nom.
ex dock San Pedro, San Francisco.	lb.	.0290	Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans.	lb.	.02575	Nom.
New York.	lb.	.02⅝	Nom.
Phila., for import.	lb.	.02¾	Nom.
Portland, Seattle.	lb.	.03½	Nom.
San Pedro, S. Francisco.	lb.	.03	Nom.
ex whse., Balto., Boston, N. Orleans.	lb.	.02725	Nom
ex whse., Indianapolis, Kan. City, Milwaukee, St. Louis.	lb.	.03⅝	Nom.
New York.	lb.	.03	Nom.
Pittsburgh	lb.	.03¼	Nom.
Portland, Seattle.	lb.	.03⅜	Nom.
San Pedro, S. Francisco.	lb.	.03¼	Nom.
f.o.b. N. Y., from dock,	lb.	.02⅞	Nom.
from whse.	lb.	.03¼	Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04½-	—
l.c.l., same basis.	lb.	.04¾-	—
Yellow oxide, synth., bbls., c.l., works.	lb.	.06½-	—
l.c.l. same basis.	lb.	.06¾-	—
Persian orange (See O).			
Yellow, zinc, bbls., same basis, chrome CP, contracts,	lb.	.18 -	—
open order.	lb.	.19 -	—
Yellow dock root, dom., bls.	lb.	.17 -	.18
Yellow root (xanthoriza), bls.	lb.	.11 -	.12
Yerba santa leaves, bls.	lb.	.09 -	.10
Yohimbine hydrochloride, via.	oz.	2.85 -	4.00

Z

Zein, bgs., 1,000 lbs. or more, works.	lb.	.20 -	—
less than 1,000 lbs., works.	lb.	.25 -	—
Zinc acetate, tech., bbls., dlvd.,	lb.	.15 -	.16
USP, bbls., 250 lbs.	lb.	.27 -	—
kgs., 100 lbs.	lb.	.29 -	—
Arsenite, bgs., c.l., dealers, E. of Rockies.	lb.	.12 -	—
l.c.l., bags.	lb.	.12½-	—
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.			
Carbonate, tech., bbls.	lb.	.14 -	.16
USP, precip., powd., bbls.	lb.	.32½-	—
25 lb. dms.	lb.	.37½-	—
kgs.	lb.	.34½-	—
Chloride, tech., fused, dms., c.l., works. 100 lbs.		4.25 -	—
l.c.l., works. 100 lbs.		4.60 -	—
gran., dms., c.l., works, 100 lbs.		5.00 -	—
Zinc, chloride, USP, 200-lb. dms.,	lb.	.26 -	—
25-lb. jars.	lb.	.31 -	—
solution, 50%, dms., c.l., works.	lb.	.0290-	—
l.c.l., works.	lb.	.04 -	.04½
tanks, works.	lb.	.0225-	—
Cyanide, kgs., works.	lb.	.33 -	—
Dust, bbls., c.l., dlvd.	lb.	.08¼-	—
l.c.l., bbls., dlvd.	lb.	.08⅜-	—
Iodide, N.F., bots.	lb.	4.35 -	—
jars	lb.	4.20 -	—
Fluoride, bbls.	lb.	.20 -	.25
Metal (see daily quotations in Market report).			
Oxide, pigment, dom., Amer., process, coml., lead free,			
bgs., c.l., dlvd.	lb.	.06¼-	.07⅛
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	.07⅝
bgs., l.c.l., ex whse., Pac. cst.	lb.	.06½-	.07⅝
bbls., c.l., dlvd.	lb.	.06½-	.07⅝
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝-	.08
ex whse., Pac. cst.	lb.	.06⅝-	.08
5%, bgs., c.l., dlvd.	lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	—
ex whse., Pac. cst.	lb.	.06⅝-	—
bbls., c.l., dlvd.	lb.	.06⅝-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝-	—
ex whse., Pac. cst.	lb.	.06⅝-	—
35%, c.l., dlvd.	lb.	.06 -	—

—Continued on page 34



Any shop coat or primer—no matter how high it rates as an inhibitive coating—needs *weather resistance* to withstand yard storage and erection conditions, which frequently extend one year or more.

That's one reason why 20% of zinc oxide (based on total pigment) ranks so high as an effective pigment in metal protective coatings.

But the effectiveness of zinc oxide doesn't stop with weather resistance. It is itself an inhibitive pigment—aids other inhibitive pigments by counteracting undesirable acid conditions within the film. Manufacturers of 80:20 zinc dust-zinc oxide and 50:20:30 zinc dust-zinc oxide-iron oxide coatings know the practical value of this action.

The photomicrographs you see above represent nodular and acicular types of zinc oxide — two from a wide range New Jersey zinc has developed.

What does it cost to replace 20% of other inhibitive pigments with zinc oxide? Little more in iron oxide-inert paints, nothing extra in zinc chromate-iron oxide-inert primers—and you save 10c per gallon or more in lead chromate priming paints.

There's more of this story in "The Versatile Paint-Making Properties of Zinc Oxide" and "Improved Maintenance of Metal Surfaces With Zinc Dust Paints". If you haven't copies readily available, we shall be glad to send them to you.

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Oil, Paint and Drug Reporter

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Defense and the Consumer

Because everybody is a consumer, it is quite logical that the biggest interest in respect of such national programs as that of defense is that of consumer relations. Even in the narrower, more common sense of the term, the consumer is the first and biggest item—in spite of what is required in the way of production. The consumer must do the work—and also the fighting if and when that stage is reached. It is the consumer who is conscripted and regimented—stark evidence of the peculiar theory that gives the corporation all the privileges of the individual citizen, but only a few of his responsibilities.

So, it is not surprising to find the consumer quite active behind and with the able woman who has that particular role among the advisers of the Council of National Defense. It is not unexpectedly that one finds in this activity recommendations that comprise the various objects to which the consumer movement has normally been directed. The consumer in defense wants to be informed of the quality of the goods he buys, or may be permitted to buy when restraints become the order, and asks that standards be set up. He, or she, wants to be informed about the why and how of the pricing of consumer goods—and it is already recommended that the consumer adviser in defense "consider steps to prevent unwarranted increases in prices." The consumer movement in defense comprises also the growing interest in medical care and health service in general. And it is asked that national organizations in such fields intensify their activities.

With respect to many of the things in the latest manifestation of the consumer movement, such things as quality and prices, the prevention of unwarranted price-boosting, and the stopping of false reports of scarcity, business has set down sound and strong principles in its cooperation with the defense advisory unit on matters of production. It is of equal importance that the consumer directly be given full consideration; for he is preeminent.

Sellers Cannot Be Choosers

The Federal Trade Commission says that the Robinson-Patman law does not permit a manufacturer to furnish a ten-cent size of its product exclusively to dime stores. The commission has ordered a cosmetic manufacturer to make its ten-cent package available to retail druggists who want it.

This is a brand new addition to the many things which the Patman act classifies as unauthorized discriminations. It appears to run counter to the previously accepted principle of common law that a seller could be unlimitedly choosey in the selection of his customers.

This new interpretation of the Patman act must be hastened to ultimate court review. As it stands, it appears to outlaw all special sizes (for bargain stores), all special labels (for "exclusive" stores), and to compel a manufacturer to recognize pitchmen, spielers, and all sorts of gyp sellers as proper distributors. That does not seem to be sound law.

—O-P-D—

Chemistry and/or Agriculture

Chemistry and agriculture no doubt are matchable team-mates capable of all the mutually promotive coordination of which the farm chemurgist dreams and talks. But, each is so closely engaged in working out first its own problems and, perhaps, destiny, that the two not astonishingly are quite often following two pathways to the same goal. There is, for example, their several approaches to the task of finding a means of meeting industrial needs for a particular material, the usual supply of which may at any time be more or less substantially curtailed.

This particular, important industrial material now is rubber. Chemistry is searching, digging, and planning for fabricated substitutes. It has, for the most part, gone far from agriculture and the whole vegetable kingdom for its materials to be transformed and converted into something that will perform some or other or all of the functions of rubber in these days of speed and ease and comfort and smoothness, to which this East Indian immigrant from South America has contributed largely.

Agriculture also is searching for an opportunity to serve in the replacing of the possibly excised East Indian "gum." It is following its own pathway—and going backward endeavoring to find in South America areas which, with the aid of modern methods, will produce rubber bountifully and economically. Agriculture has two things in its favor: industry knows how to use rubber and is geared to its use; and natural rubber can be produced at a cost considerably lower than that of fabricating a practicable substitute. As another advantage—of a sort—agriculture, as is customary, has governmental assistance ($500,000 worth) in its search through Central America and South America for the best place to grow rubber.

There is another pathway, one that appeals particularly to the farm chemurgist because it is wide enough for agriculture and chemistry to walk hand in hand and side by side on the way to the production of a new and better and cheaper rubber. Whether this pathway leads through the regions of *Solidago*, of *Apocynum*, of *Asclepias*, or in the common woods of the jack-pine, or in some other botanical locality, it is promising—at least of romance.

Too many are all too ready to dismiss the claims of fabricated substitutes for rubber with consideration only for the fact that their cost is now considerably greater than that of the natural material. They say that this relativity cannot be escaped by the full possible development of production. But, do they know? Did anybody foresee forty years ago how much the cost of natural rubber would be reduced? or the cost of automobiles? Botanical excursions in the Amazon regions or the former lands of the Aztecs are interesting. So, once upon a time, was the establishing of rubber plantations in Ceylon. The best assurance, however, is built closer to home.

—O-P-D—

Concerning Latin America

In spite of all the teaching and preaching, all the conferences of high-place statesmen, all the evidence that there is opportunity, United States businessmen in their endeavors in Latin America are still subject to the criticisms which have been directed against them for years. They are said still to lack ability to recognize what is suited to the markets there, or to supply such merchandise; still to look upon Latin American markets as not worth the attention of other than minor and ill-equipped representatives. This has always been propaganda. But, they are scared by the bluffs of competitors, especially Germans.

It is not difficult to understand this lack of knowledge of Latin American market peculiarities or of how to meet them: export trading has never been regarded as a major career in the United States. This is as it should be, because export trading cannot be a major part of a nation's business unless import trading also is of a similar rank, and import trading cannot be of such prominence in any nation of highly diversified industrial production—and protection. So, before United States businessmen can become topline export traders in Latin America or in any other part of the world, they must decide that export trading, with its inevitable concomitants of reciprocal trade and financial facilities, is to be a major factor in national business—not a mere 5 to 8 percent as it normally has been.

A thorough study of all the aspects of the ambitious job of dominating Latin American markets will show that the returns cannot be worth the cost. This does not mean that the United States cannot profitably have an important share in certain lines of Latin American trade. But, it does mean that this country's business is not geared, and does not desire to be geared, to the job of meeting all lower-cost competition.

This thing of being scared by German promises that Central America and South America will be flooded with goods made in Germany no later than October is a matter of different character. Such promising—it "smells" like "fifth column" stuff—is reported to be blocking much United States selling in Mexico particularly and in other countries. If the business involved is worthwhile, there is only one way to deal with such competition; that is, on the principle of put up or shut up. Anybody who wants to do business in Latin America must know that it sometimes pays well to risk your shirt in order to save your face.

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Heavy Chemicals

Copper Sulphate Undergoes First Change Since February —Electrolytic Copper Weaker — Tin Salts Hold Steady —Government Speeding Up Production of Munitions

A downward revision in the quotations for copper sulphate provided the outstanding developments in the market for heavy chemicals last week. Prices were lowered to conform with the reduction in the basic metal, when all primary producers made the first change since February, 1940. Despite the fact prices were cut, it had no reflection on the statistical position of the market, which remained favorable in view of the heavy shipments for agricultural, commercial and export during the past several months. Other copper derivatives failed to immediately follow the trend in the metal.

Demand held at fairly steady levels in most divisions of the market. Industrial buying principally from the paper, glass, rayon and steel trades held up well. Government requirements for munitions were expected to be increased. A speeding up in production at the six federal arsenals was expected to take place almost immediately. War Department plans call for construction of a chain of plants for manufacture of munitions throughout various sections of the country.

Alums.—Demand steady for moderate quantities. Prices failed to change and market tone was steady to firm.

Alumina Sulphate.—Prices well sustained, and shipments move against contracts in good volume.

Ammonia, Anhydrous.—Market experienced a satisfactory inquiry. Shipments along normal seasonal lines. Prices without change.

Ammonia, Aqua.—Business moderately active. Outlook continued good. Prices rule unchanged and firm.

Ammonia Bicarbonate.—Dealings continued routine. No change occurred in the quotations.

Ammonia Bifluoride.—Trading lacked any expansion, but market retained its firm price tone.

Ammonia Nitrate.—Inquiries reached market in satisfactory volume. Market position was strong, and quotations well sustained.

Ammonia Perchlorate.—Market nominal, sellers limited commitments to regular consumers for normal requirements.

Ammonia Persulphate.—Prices rule firm, business along conservative lines.

Ammonia Silicofluoride.—Steady to firm price tone prevailed. Interest only fair.

Ammonia Sulphide.—Moderate inquiry. Pricewise no change developed and tone was steady to firm.

Ammoniac, Sal.—The battery trade made withdrawals on a slightly better scale to give market satisfactory support. Market position held firm.

Antimony.—Domestic spot metal unchanged, and small lots usually made up the call.

Antimony Oxide.—Transactions routine. No change occurred in the quotations.

Arsenic.—Business in the white held at moderate levels. Quotations without change and firm.

Barium Carbonate.—Takings were confined to necessary requirements as a rule. No change disclosed in the quotations.

Barium Chlorate.—Market position strong. Prices remain at levels established preceding period.

Barium Chloride.—Prices held at the same levels; business moderate.

Barium Hydrate.—Consumers made fair size replacements. No new price developments took place.

Barium Nitrate.—Market tone firm, with purchases fairly steady.

Bleaching Powder.—Buying lacked broadening, but market fully retained its favorable position.

Calcium Acetate.—Dealings routine. Prices without alteration.

Calcium Chloride.—Favorable weather brought about additional call for dust control purposes, while other inquiries were satisfactory. Prices unchanged.

Carbon Bisulphide.—Business moderately active. Pricewise no change occurred.

Carbon Dioxide.—Inquiries reached market in satisfactory volume, and the tone was steady to firm.

Carbon Tetrachloride.—Shipments moved against contracts at a steady pace. Quotations held firm.

Chlorine.—Seasonal movement for water treating, and demand for commercial purposes kept market in a favorable position. Prices were firm.

Cobalt Oxide.—Market position strong, sellers continued to supply regular consumers with normal requirements.

Copper.—Primary producers reduced price ½c. to 11c. per pound, custom smelters lowered quotation to 10¾c., while outside market was easier at 10¾c. per pound. Japan continued active in export market with price at 9.90c. f.a.s.

Copper Salts.—Various derivatives failed to follow lower metal market, but tone of market was somewhat easier. Business was only fair.

Copper Sulphate.—Effective immediately, price for crystals lowered 15c. per 100 pounds to the basis of $4.45 for car lots, with usual differentials for special sizes and smaller quantities. Monohydrated lowered 20c. per 100 pounds. Demand steady.

Copperas.—Market position without change, shipments moved direct to regular consuming channels, and prices unchanged.

Fluorspar.—Prices remain competitive. Demand moderately active.

Glauber's Salt.—Business spotty. Prices failed to undergo any change.

Lead Acetate.—Transactions routine. Prices steady to firm.

Lime.—Prices well maintained. Shipments moved to various consuming channels moderately.

Price Changes

Advanced

None

Reduced

Copper, electrolytic, ½c. per lb.
sulphate, 99 pc. cryst., 15c. per 100 lbs.
monohydrated, 20c. per 100 lbs.
Tin, Straits, ⅝c. per lb.
anhy., tetrachloride, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.7	**153.9**	**151.4**	**146.8**

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	**101.6**	**101.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—
DCAT outing, Oct. 18-19, Skytop.
Pest Control Association, Oct. 28-30, Indianapolis.

Magnesite.—Market position favorable. Good inquiry, and prices firm.

Manganese Salts.—Shipments usually confined to regular channels. Prices lacked any change, with the tone firm.

Nickel Salts.—Withdrawals steady. Pricewise a firm tone prevailed.

Phosphorus.—Shipments of red restricted to regular consumers; demand for yellow fair. Prices without change.

Potash Carbonate.—Steady interest. Quotations well sustained.

Potash, Caustic.—Shipments moved against contracts at a good pace. Prices ruled firm.

Potash Chlorate.—Spot market firm, with most offerings confined to usual consuming trade.

Potash Permanganate. — Demand steady. Market position favorable, and prices firm.

Salt.—Moderate buying reported, with prices steady to firm.

Saltcake.—Quotations nominal. Shipments steady to paper and glass industries.

Saltpeter.—Business spotty. Sellers adhered to quotations in force previously.

Soda Acetate.—Buying routine. Quotations in line with those established some time ago.

Soda Ash.—Various consuming industries entered market for fair size quantities against contracts to keep market position satisfactory.

Soda Bicarbonate.—Business steady. Prices steady to firm.

Soda Bisulphite.—No change disclosed in the prices, with interest moderate.

Soda, Caustic.—Withdrawals against contracts proceeded at a steady pace for moderate quantities. Prices remain the same.

Soda Chlorate.—Seasonal activity for weed killing gave market adequate support. Prices firm.

Soda Cyanide.—Market position firm, business continued at fairly steady levels.

Soda Hydrosulphite.—Usual consumers made necessary replacements. Prices rule firm.

Soda Metasilicate.—Demand moderately active. Prices without change.

Soda Nitrite.—Inquiries steady. No change disclosed in the quotations.

Soda Phosphate.—Transactions routine. Prices well sustained.

Soda Silicate.—Market received satisfactory support from various consuming channels. Prices remained firm.

Soda Silicofluoride.—Position of market underwent little change, supplies of domestic limited to regular channels, while stocks of imported were negligible.

Soda Sulphide. — Buying steady against contracts. Prices unchanged and firm.

Strontium Salts. — Steady to firm price tone, with transactions conservative.

Sulphur, Refined. — Replacements held to moderate levels in most instances. Prices lacked any change.

Tin Salts.—Anhydrous tetrachloride of tin was ¼c. lower at 25½c. per pound. Straits metal held around 52c. per pound. No change in tin oxide; other tin derivative prices quoted upon inquiry.

Zinc Carbonate. — Business narrow. Prices steady to firm.

Zinc Sulphate.—Shipments moved in a routine manner. Pricewise a firm tone predominated.

Acids

Shipments of mineral acids held at moderate levels last week. Buying lacked any definite broadening, but withdrawals against contracts were generally steady. The position of most materials continued favorable, and the tone of the market was one of firmness. The government ordered a speeding up in the production of army munitions at its six arsenals, the new program to take effect August 10th. This was expected to find some immediate reflection in certain acids, such as nitric and sulphuric.

Acetic.—Shipments moderate. Prices unchanged with tone steady to firm.

Battery.—Business routine. No change in the prices.

Chromic.—Firm price tone, with interest fairly steady.

Formic.—Market position favorable, with inquiries satisfactory.

Gallic.—Demand conservative. Prices unchanged and firm.

Hydrofluoric.—Steady to firm price tone, with buying moderate.

Lactic.—Withdrawals spotty. No change disclosed in the quotations.

Muriatic.—Steady interest. Quotations well sustained.

Nitric.—Good inquiry, with shipments steady. Prices rule firm.

Oxalic.—Sellers continued policy of supplying regular consumers. Prices firm.

—Continued on page 26

National Gypsum to Lease Chemical Lime Co. Plant

Bellefonte, Pa., Aug. 2, 1940

The National Gypsum Company will lease the plant of the Chemical Lime Company, Inc., of Bellefonte, Pa., for sixteen years under a proposal submitted to the Reconstruction Finance Corporation, which has extended loans of $750,000 to the Chemical Lime Company.

The Bellefonte concern, which has assets of approximately $1,700,000 has filed a reorganization plan in the Federal Court, District in Scranton, Pa. Under the plan, the Reconstruction Finance Corporation would provide $350,000 more in funds to complete and rehabilitate Chemical Lime's plant and would take over the property. The National Gypsum then would purchase accounts receivable and inventories with $150,000 in preferred stock and lease the plant.

Chemical Exports Up 55% in Half-Year

—Continued from page 3

$3,065,000 to $6,573,000. Foreign demand for industrial chemicals doubled during the periods under review to a total value of $26,500,000 in the first half of the current year.

Imports of drying oils were valued at $12,901,600 in the first half of 1940, compared with $6,883,300 in the corresponding months of the preceding year. Receipts of tung oil in June aggregated 14,074,000 pounds, which brought the total for the first half year to 60,321,500 pounds. In the first six months of 1939 imports of tung oil aggregated 39,468,000 pounds.

Brazilian oiticica oil imports declined in quantity from 9,020,000 to 7,758,000 pounds; Manchurian perilla, from 23,062,000 to 6,014,500 pounds; and flaxseed from 10,763,500 to 7,946,900 bushels.

Imports of waxes and gums were valued at $14,862,500 in the first half of the current year, compared with $11,467,000 in the corresponding months of 1939. In the medicinal materials field imports were valued at $10,780,000 in the first half of the current year, against $9,180,400 in the corresponding months of 1939.

Other items on the chemical and related product import list recording increases in the first half of the current year compared with the corresponding months of 1939 included casein, receipts of which increased from 299,000 to 12,000,000 pounds; essential oils, in value, from $2,755,500 to $3,675,800; and soap and toiletry materials, from $1,310,000 to $1,449,000.

Items recording decreases during these periods included glue stock, receipts of which declined in value from $919,680 to $679,500; tankage, from $1,224,000 to $790,000; coaltar products, from $10,742,000 to $4,634,600; industrial chemicals, from $9,899,000 to $6,486,000; and fertilizer materials, from $19,000,000 to $18,193,000.

Hooker Transfers Ladd

Hooker Electrochemical Company, Niagara Falls, N. Y., has named Roderick M. Ladd to its sales staff in the metropolitan New York area. Mr. Ladd will handle sales of the general line of Hooker chemicals. He was formerly connected with the home office.

William O. Buettner, secretary of the National Pest Control Association, was married to Helen Emilie Roehrs at Rutherford, N. J., August 7.

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FERRIC CHLORIDE
CARBON BISULPHIDE

Heavy Chemicals

Acids

—*Continued from page 25*

Sulphuric.—Demand moderately active. Steel operations at new high for year, giving market added support. Prices rule firm. June production totaled 176,846 tons, against 191,643 tons in May and 140,580 tons in June a year ago. Output for the first six months aggregated 1,205,367, compared with 963,278 tons in the like period a year ago, according to statistics released by the Department of Commerce.

Baltimore, Aug. 7.—The nominal figures remain around $12 per ton for 60 degree and $15 per ton for 66 degree stocks. Demand for oleum quiet and prices unchanged.

Insecticides

Buying continued at conservative levels in the market for agricultural insecticides and fungicides last week. Expectations for a belated pickup in calcium arsenate in Southern States was retarded by favorable weather conditions over much of the areas. The peak for other materials has been reached, and demand followed the usual seasonal decline. The market failed to undergo any price change, and quotations were well maintained.

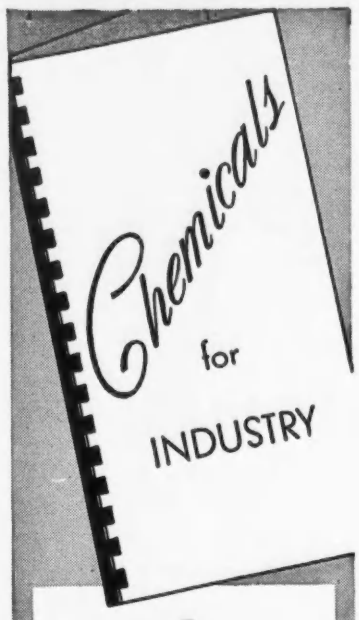
Calcium Arsenate. — With weather favorable weevil activity was retarded in most sections of cotton belt, and belated demand failed to materialize. Prices lacked any change.

Lead Arsenate.—Not much new buying developed. Market retained its firm position.

Paradichlorobenzene.—Moderate interest. Quotations steady to firm.

Soda Arsenate.—Purchases only fair. Prices without change.

Pine tree wood pulp is used in a process by Modena Mills, N. C., for production of viscose fiber.



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Dyestuffs, Textile and Leather Chemicals

Price Movements Again Lacking — Buying Conservative —Natural Dyestuffs Dull — Tanning Materials Quiet —Natural Indigo May Be Used in Netherlands Indies

Price movements were again absent in the market for dyestuffs, textile and leather chemicals last week. Sellers apparently were not inclined to adjust prices in either direction at this time, preferring to await developments. Little could be said about the character of buying, which followed the same pattern as the past several weeks. Government buying in textiles was a hopeful factor, but more interest from domestic sources was looked for to enhance operations in most lines.

Dealings in most chemicals followed a routine course, with replacements held close to production needs. Natural dyestuffs remained dull, with buying on a hand-to-mouth basis. Interest in sizing materials was quiet to only fair. Raw tanning materials lacked much improvement, while extracts were taken in a conservative manner.

The batik industry in the Netherlands Indies has experienced considerable difficulty since the outbreak of war in Europe owing to its inability to continue the special aniline dyes which have been imported from Germany for about thirty years. The Department of Economic Affairs of the Government of the Netherland Indies is endeavoring to alleviate the situation through the formation of a combination of interests including producers of dyes in the Netherlands, the United States and France, and through encouraging the use of the natural product.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
144.8	144.8	144.6	134.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—Market routine. Prices unchanged, and tone firm.

Alumina Chloride. — Demand fair. Pricewise a firm tone predominated.

Ammonia Acetate. — Replacements made on a conservative scale.

Ammonia Bichromate. — Small lots usually made up the call. Prices without change.

Antimony Salts.—Not much new interest was uncovered. Quotations steady to firm.

Chrome Acetate. — Consumers made only necessary purchases. Prices rule firm.

Potash Bichromate.—Moderate withdrawals against contracts made up most of the business. Prices unaltered, and market tone firm.

Potash Prussiate. — Market position strong. Shipments held to nearby requirements.

Soda Bichromate. — Replacements made on a fairly steady scale. Market retained its firm position, and prices were the same.

Soda Prussiate. — Dealings routine. No change disclosed in the prices.

Sulphonated Oils.—Buying only fair. Prices held about the same, and tone steady to firm.

Zinc Dust.—Market continued firm. Transactions lacked any broadening.

Dyestuffs

Annatto. — Consumers made only necessary withdrawals. Prices unaltered.

Cochineal. — Market position firm. Trading routine.

Fustic.—Demand only fair. Pricewise a firm tone governed the dealings.

Hypernic. — Business narrow. No change reported in the quotations.

Indigo. — Buying light. New crop awaited, with firmer prices in the offering.

Logwood.—Shipments routine. Sellers adhered to quotations in force previously.

Sizing Materials

Albumen, Blood.—Demand steady. Market fully retained its firmness.

Albumen, Egg.—Business dull. There was nothing new to report in the prices.

Corn, Sugar.—Steady to firm price tone. Bookings fair.

Dextrin, Corn.—No change occurred in the quotations. Moderate interest.

Dextrin, Potato.—Market position firm. Satisfactory inquiry.

Egg Yolk.—Demand light. Quotations unchanged.

Starch, Corn. — Withdrawals held close to production requirements. No new developments occurred in the prices. Visible supplies of corn decreased 872,000 bushels in week ended August 3.

Starch, Potato.—Prices ruled firm and unchanged. Demand fair.

Starch, Rice.—Commitments moderate. No change in the quotations.

Starch, Sweetpotato.—Prices well sustained, moderate inquiry.

Starch, Wheat.—Consumers entered market for nearby needs. Prices without change.

Tapioca Flour. — Market position continued firm. Inquiries reached fair levels.

Tanning Materials

Chestnut Bark.—Quotations firm. Business moderate.

Cutch.—Fair demand. Pricewise no change occurred.

Gambier.—Market nominal. Interest narrow.

Hemlock Bark.—Consumers made fair size replacements. Prices firm.

Hematine.—Not much new buying made its appearance. Quotations unaltered.

Mangrove Bark. — Market dull. Prices remain at previous levels.

Myrobalans.—No new price developments. Interest light.

Oakbark Extract.—Transactions routine. Pricewise a firm tone prevailed.

Quebracho. — Moderate demand. Steady to firm price tone remained in evidence.

Valonia.—Quotations for beards and cups unaltered. Business dull.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Textile Chemists and Colorists, Oct. 18-19, New York.

TEXTILES Dyestuffs... Auxiliaries
Finishing Agents

PAPER Dyestuffs... Auxiliaries

LEATHER Dyestuffs... Finishing Agents
Synthetic Tanning Agents

PLASTICS Dyestuffs...
Organic Pigments

RUBBER Organic Pigments

LAKES Dyestuffs...
Intermediates

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TECHNICAL AND C. P. ODORLESS GRADES

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DYE SOLVENT — difficultly soluble dyes are dissolved in molten acetamide and the solution rendered liquid at room temperature by adding water or a suitable alcohol. The solution is used as a master batch and avoids spotting from undissolved dyestuff.

SOLVENT — for almost all organic materials and many inorganic salts. Preparation acetonitrile, pharmaceutical products.

SOLDERING FLUX — The addition of 10 to 40% Acetamide based on the weight of zinc chloride used gives increased solder flow, greater joint strength, and decreases solder requirements.

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★The alarm clock rings and America starts another day. It is important that this new day be started on time. That's why progressive clock manufacturers who use plastic cases must be sure the plastic comes from the mould exactly according to specifications . . . holds its size through weather and temperature changes. For shrinkage and warping will pull clock works out of adjustment . . . make a reliable and otherwise accurate timepiece useless.

Many plastic companies have learned to their surprise that the specifications for phenol don't always tell the whole story. There are controls and testing methods . . . the kind used by Barrett . . . that can't be written into general specifications. Often, the use of phenol made under rigid Barrett restrictions is the cure for a shrinkage problem that can't be solved in any other way.

The story behind this story actually happened recently. It is typical of the cooperation that goes with every Barrett order. If you are not familiar with Barrett service and Barrett chemicals, you may be denying your business a valuable contribution. Why not let Barrett help you investigate the possibilities of using coal-tar chemicals to improve your product or effect production economies?

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Barrett Basic Chemicals Include:

TAR ACIDS: Phenols, Cresols, Cresylic Acids, Xylenols, Special Tar Acids, Tar Acid Oils . . . NAPHTHALENE: Crude, Purified, Refined . . . PHTHALIC ANHYDRIDE . . . CUMAR* Paracoumarone-Indene Resin . . . RUBBER COMPOUNDING MATERIALS . . . BARRETAN* . . . PICKLING INHIBITORS . . . LIGHT OIL DISTILLATES: Benzol, Toluol, Xylol, Solvent Naphtha, Hi-Flash Solvent . . . HYDROGENATED COAL-TAR CHEMICALS . . . MALEIC ANHYDRIDE . . . FLOTATION AGENTS . . . TAR DISTILLATES . . . NITROGEN PRODUCTS: Anhydrous Ammonia, Sulphate of Ammonia, Nitrogen Solutions, Arcadian* the American Nitrate of Soda.

*Trademark The Barrett Co. Reg. U. S. Pat. Off.

Coaltar Chemicals

Demand Routine—Steel Output Sets New Record for 1940 —Phenol Continues in Good Demand—Toluol Holds Firm —Shipments of Coaltar Colors and Intermediates Fair

Demand for coaltar chemicals was routine last week. With few exceptions, business lacked expansion. Shipments moved against contracts to take care of nearby replacements. The outlook continued favorable from domestic sources. Export business was less of a factor than earlier in the year. The market experienced no price fluctuations, and the tone continued steady to firm.

Steel operations last week were scheduled at 90.5 percent of capacity, compared with 90.4 percent in the preceding week. This set a new record for 1940 and compared with 86.4 percent a month ago. In the corresponding month a year ago the rate was 60.1 percent. Operations during July averaged 83.40 percent of capacity, against 84.97 percent in June and 52.74 percent in July a year ago.

Coaltar solvents lacked any new developments; prices held the same, and export business was light. Phenol moved in good volume. Naphthalene was routine. A steady to firm price tone prevailed for domestic cresylic acid, although demand was irregular. Pyridin continued firm. Transactions were only fair in the market for coaltar acids and intermediates. Shipments of coaltar colors were moderate.

Increased quantities of intermediates for the local manufacture of dyes have been imported into Brazil during the past couple of years, and in the recent past 250 tons of dyeing machinery was brought into the country for this purpose. It is estimated that prior to the outbreak of hostilities in September, 1939, about three-fourths of the import trade in dyes and intermediates had been placed with German firms, the remaining one-fourth representing combined share of American and British companies. Lower German prices were the prime factor in that country's securing the bulk of the trade.

Basic Products

Benzol.—Shipments mostly routine against contracts. Little new to report in the export market. Prices without change, and tone of market about steady.

Carbazole. — Business lacked expansion, but market fully retained its firm tone.

Coaltar.—Withdrawals steady against contracts. There was nothing new to report in the prices.

Creosote Oil.—Major interests made fair size commitments to take care of nearby requirements. Quotations without alteration, and a steady to firm tone prevailed.

Cresols.—While the call was spotty, sufficient interest was shown to keep market in a favorable position.

Cresylic Acid.—A steady to firm price tone governed the dealings. Business was irregular. Imported material was strictly nominal.

Naphthalene.—Market remained a routine affair. Quotations for crude nominal. Not much new developed in the refined. Imports negligible.

Phenol. — Business held at good levels in most directions. Moderate export inquiry. Prices without change, and tone of market firm.

Pitch, Coaltar.—Interest only fair. Sellers adhered to prices in force previously.

Pyridin.—A firm tone characterized the market. Transactions steady.

Tar Acid Oils.—Buying held to modest levels. No change occurred in the quotations.

Toluol.—Shipments moved against contracts at a steady pace. Not much feature to the export market. Prices held the same, and tone of market was firm.

Xylol.—Business moderate. Prices lacked any new developments, and a steady to firm tone predominated.

Chicago Coaltar Bases

Coaltar bases markets are in fairly good tone at this time. Demand for benzol has been fairly active for some time. More interest is displayed in toluol. Ruling prices exclusive of tax are:—Benzol, 90 percent, 15c. to 16c. per gallon; motor benzol, 11c. to 11½c.; toluol, 27c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compares as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.2	127.2	127.2	125.2

Market news that may have developed after this report was sent to press will be found on page 4.

Coaltar Acids

Anthranilic. — Interest only fair. Prices unchanged and firm.

Benzoic.—Market a routine affair. Pricewise a firm tone predominated.

Broenner's.—Consumers made conservative replacements. Prices unaltered.

Cleve's. — Usual consumers made necessary commitments as a rule.

Fumaric.—Inquiries continued moderate, and market position held firm.

Gamma.—A firm tone governed the dealings. Shipments fair.

H.—Dealings routine. Prices without change.

Laurent's.—Business held to conservative levels. Quotations firm.

Maleic.—Spot and contract shipments moderate. Prices well sustained.

Malic.—Withdrawals in line with nearby needs. Quotations unchanged.

Picramic.—There was little disposition to anticipate requirements, and buying was routine.

Picric. — Market position firm. Steady inquiry.

Salicylic.—Demand fairly steady. No change disclosed in the prices.

Succinic.—Market devoid of any new developments. Prices rule firm.

Sulphanilic.—Steady to firm price tone. Business moderate.

Tobias.—Trading narrow. Pricewise a firm tone prevailed.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Textile Chemists and Colorists, Oct. 18-19, New York.
Pest Control Association, Oct. 28-30, Indianapolis.

Other Intermediates

Alphanaphthylamine. — Market underwent little change, with shipments held to moderate levels.

Anilin.—Consumers made fair size replacements. Prices were unaltered.

Anthracene. — Routine interest. Quotations without change.

Anthraquinone. — Business spotty. Quotations well sustained.

Benzaldehyde.—Technical material moved moderately. Prices unchanged.

Betanaphthol.—Purchases made in line with nearby requirements.

Dimethylanilin. — Demand moderately active. No change occurred in the prices.

Dinitrobenzene.—Inquiries steady. Quotations remained the same.

Dinitronapthalene. — Market a routine affair. No change in the prices.

Dinitrophenol. — Dealings narrow. Firm price tone prevailed.

Dinitrotoluene. — Market retained its firm position, withdrawals steady.

G. Salt.—Usual consumers entered market for nearby requirements.

Metanitroparatoluidin. — Demand conservative. Quotations in line with those prevailing previously.

Nitrobenzene. — Buying fairly steady. Prices unchanged and firm.

Nitronapthalene.—Firmness characterized the trading, with demand moderate.

Orthoanisidin.—Market routine. No change disclosed in the prices.

Orthochloroanilin. — Fair demand. Prices lacked any alteration.

Orthochlorophenol. — Business narrow. Quotations without change.

Orthodichlorobenzene. — Withdrawals moderately active. Prices rule unchanged.

Orthonitroanilin.—Prices hold firm, and shipments irregular.

Orthonitrotoluene.—Trading confined to regular channels for normal needs.

Orthotoluidin. — Quotations unchanged and tone of market firm. Interest moderate.

Parachlorophenol. — Demand only fair. Prices in conformity with those prevailing previously.

Paranisidin.—Usual consumers made

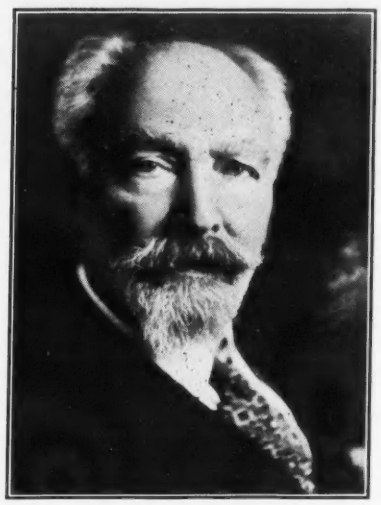
—Continued on page 30

Obituaries

Theodore Weicker

Theodore Weicker, chairman of the board of E. R. Squibb & Sons, pharmaceutical manufacturer, Brooklyn, died in his home in Greenwich, Conn., August 7. He was seventy-nine years of age.

Born in Darmstadt, Germany, Mr. Weicker, after graduating from the Real-Gymnasium School in Darmstadt at the age of seventeen, started his business career with the chemical



Theodore Weicker

company of E. Merck. In 1882 he went to London, where he was associated with an export house.

He came to New York in 1887 and became a partner in the American branch of Merck, which had been established upon his recommendation. He was the managing partner of the New York branch for fifteen years.

During his first years in this country, Mr. Weicker studied at Columbia University and acquired degrees in pharmacy and pharmaceutical chemistry. He also became interested during his period in the work of Dr. Edward R. Squibb, who founded the Squibb company in 1858.

In 1905, after the death of Dr. Squibb, Mr. Weicker joined with the late Lowell M. Palmer to buy and preserve the name of E. R. Squibb & Sons. At that time the firm had one bookkeeper for all office work, one salesman and about one hundred employees in the laboratory. Under him the House of Squibb became one of the largest of its kind in the country.

Surviving are his wife, Mrs. Florence Palmer Weicker; three sons, Theodore Weicker, jr., Lowell Palmer Weicker and Frederick Ernest Weicker, and a daughter, Florence Palmer Weicker, 2d.

A. D. Geoghegan

A. D. Geoghegan, president of the Wesson Oil & Snowdrift Company, New Orleans, died August 1 of a heart attack that followed a siege of peritonitis. He was sixty-three years of age.

Born the son of a Mississippi farmer, Mr. Geoghegan went to New Orleans and secured employment as a stenographer in a cotton brokerage firm. Starting his own business in 1900, he became a dealer and exporter in cottonseed products. Eight years later he organized the Southport Mill, Ltd., a cottonseed products business. In 1925 he acquired the outstanding stock of the Southern Cotton Oil Company and brought this largest cottonseed manufactory and the Southport mill together under the name Wesson Oil & Snowdrift Company.

Robert M. Littlejohn

Robert M. Littlejohn, active in the East India importing business for forty years, died at Southampton, L. I., August 6. He was sixty-six years of age.

Mr. Littlejohn started his career as an associate of his father, a partner in the firm of James I. Townsend & Co.,

—Continued on page 42

Soviet Trade Pact Renewed by U.S.

—Continued from page 5

of the agreement has had the following values:—

August-July.	U.S. Exports.	U.S. Imports.
1935-36	$33,286,000	$21,200,000
1936-37	31,018,000	23,240,000
1937-38	64,224,000	22,874,000
1938-39	50,255,000	24,761,000
1939-40*	67,779,000	23,916,000

* August-June; preliminary.

Another attack on the extension of the Soviet pact was made today by J. Carson Adkerson, president of the American Manganese Producers Association. Charging the Department of State with inconsistency in its attitude toward the Soviet, Mr. Adkerson said:—

In behalf of strengthened relations between the two Americas, the New Deal granted certain tariff concessions to South America, among them a 50 percent reduction in the duty on manganese from Brazil. Under the commercial agreement the cut was extended automatically to Russia; Brazil's competitive position in our market remained unchanged; and Russia took the bulk.

The name, "Russia," has been synonymous with a raw deal for the domestic manganese industry since the advent of the incumbent administration. It is mockery to speak of inter-American cooperation when tariff benefits authorized for the benefit of nations in this hemisphere are extended—with no warning to or counsel from affected industries—to countries on the other side of the globe.

International influences within the government would have us believe that only foreign ores are suitable for our purposes, despite the fact that domestic mines in the war-year 1918 shipped 305,000 tons of manganese ore. Modern beneficiating plants and blending processes demonstrate the fallacy of that foreign ore theory, yet the RFC, under the defense program, continues to confine its current purchases of manganese to other than American sources. Domestic ore meeting government specifications has been offered, but the mines continue idle.

Swend Peterson, part owner of the Bell Dental Products Company, this city, was slightly injured about the face and body by an explosion of chemicals in the company's laboratory.

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TAR ACIDS
Phenol • Cresol
Cresylic Acid

TAR ACID OILS

PHENOL—All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL—U.S.P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor.

CRESYLIC ACID—Many distillation ranges appropriate for all established uses—pale color—clean odor—total impurities besides water not exceeding one half of one per cent.

TAR ACID OILS—Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

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Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (Including High Flash) . . . Napthalene . . . Shingle Stain Oil . . . Refined Tars . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Sulphur Recovery Apparatus . . . Phenol Removal Apparatus . . . By-Product Recovery Apparatus . . . Fast's Self-aligning Couplings . . . Piston Rings . . . Valves . . . Pressure-treated Lumber

Coaltar Chemicals

Other Intermediates

—*Continued from page 29*

commitments when needs became urgent.

Paranitroanilin. — Steady to firm price tone. Demand spotty.

Paranitrophenol.—Market lacked any new feature. Prices well maintained.

Paranitrotoluene.—Prices continued firm. Business steady.

Paratoluidin. — Business routine. Prices without change and firm.

Phthalic Anhydride. — Shipments moved to major consuming channels at a satisfactory pace. Prices continued unchanged.

R. Salt.—Buying on a conservative basis. No change disclosed in the quotations.

Thiocarbanilide.—A steady to firm price tone prevailed, with shipments steady for moderate quantities.

Toluidin. — Interest fairly steady. Prices lacked any change.

Xylidin.—Demand failed to broaden, but was sufficient to keep market position favorable.

Coaltar Colors

The market for various coaltar colors lacked any new feature last week. Shipments moved out to most consuming channels on a moderate scale, with the disposition to restrict commitments to nearby needs still prevalent. Withdrawals by the textile industry continued highly irregular. Export inquiries were fair. Prices were well sustained, and the general tone of the market was steady to firm.

Imports of coaltar dyes into Mexico during the first half of 1939 increased to 590,072 kilograms, compared with 528,708 kilograms in a similar period of 1938. Of the total Germany shipped 341,807 pounds; United States, 121,675 pounds; France, 53,924 pounds, and Switzerland, 48,565 pounds.

F.T.C. Awards 10c. Items To All Types of Retailers

—*Continued from page 3*

cility of such "junior" size packaging to competing purchasers of the identical products. The commission further finds that the furnishing of the "junior" size packaging constitutes a service or facility supplied in connection with the handling, sale or offering for sale of such commodities.

Paragraph five:—In the course and conduct of its business respondent, since June 19, 1936, continuously in selling its aforesaid products to various classes of purchasers has refused and now refuses to accord the service or facility of packaging in small sized containers for all competing purchasers of such commodities upon proportionally equal terms, or upon any terms whatsoever.

Paragraph six:—The commission finds that the public demand for the "junior" size of cosmetics comes from all classes of consumers irrespective of financial condition or position in life, and is in part due to the fact that such "junior" size is more convenient to carry, that such size reduces the element of waste, and adds to the retention of fragrance and freshness. The retail drug stores have demand for respondent's products in the "junior" size and have endeavored to obtain respondent's "junior" size products. Retail druggists seek to maintain stock in their stores for which there is a public demand. The novelty, variety, syndicate and five- and ten-cent stores, to whom respondent furnishes its "junior" size facilities, are located in the same cities of the various States of the Union in which the retail drug stores to whom respondent refuses to accord its "junior" size facilities are located, the two classes of stores being in direct competition and often located in close proximity to each other. Thirty-eight percent of the dollar volume of respondent's products is packaged for customers in the "junior" size. The aforesaid "junior" size facilities promote convenience in display and sale of respondent's products, and it is impractical and undesirable for retailers to divide the "standard" size packages into smaller quantity units. The inability of the retail druggists to furnish the "junior" size of respondent's products when called for by the public results in the loss of a sale and sometimes the loss of a regular customer.

J.T. Baker Fine Chemical Sales Headed by Slater

Charles H. Slater has been appointed division sales manager in charge of fine chemical sales to pharmaceutical, cosmetic, and allied trades for the J. T. Baker Chemical Company, Phillipsburg, N. J., according to Ralph A. Clark, general sales manager for the company.

C. H. Slater

Mr. Slater will make his new headquarters at Phillipsburg, N. J., after September 1. This is a new division of the company's sales department and will permit closer contact with this class of trade.

Mr. Slater has been with J. T. Baker Chemical Company for six years, and during the last three years has been manager of the company's New York sales office. He is a chemical engineer and is a graduate of New York University.

South Indian Dyes Imported Largely From Germany

Prior to the outbreak of hostilities Germany had been the principal supplier of dyes to South Indian market. Out of the total of 8,000,000 pounds of coaltar dyes valued at £17,090,000 imported into India during the eight months ended September 30, 1939, Germany accounted for 5,700,000 pounds valued at 11,240,000 reichmarks or approximately 66 percent of the total in value.

Official statistics show that considerable quantities of coaltar dyes are obtained from Bombay and other Indian ports. As a matter of fact, it is reported that dyes are not manufactured in any part of India to any appreciable extent; these dyes are imported from foreign countries, principally from Germany stocked at Bombay and other ports and then whenever necessary, sent to South India by coastal steamers.

Creosote oil production in United States in 1939 amounted to 110,241,843 gallons, compared with 88,066,812 in 1938.

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SOLID ZINC RESINATE

• Increases through drying . . . pigment wetting . . . film gloss . . . and adhesion. *Reduces* skinning and wrinkling.

An excellent dispersing agent for oil gels when cooked into the oils. Small quantities of Zirex added to alkyd vehicles produce a remarkable improvement. Write for particulars.

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● CRUDE, SEMI-REFINED AND FULLY REFINED GRADES AVAILABLE IN VARIOUS ACID NUMBER RANGES

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Continuous large-scale production results in uniformly high quality products

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Specify U. S. I.
AMYL ACETATE

Due to its ability to insure the desired blending, gloss, flow and toughness in film, and to prevent blushing, AMYL ACETATE is deservedly popular as a solvent for nitrocellulose in lacquers. U. S. I.'s AMYL ACETATE is noted for its uniform high quality and purity, made possible by the Company's careful production methods and the use of its own supply of fusel oil. U. S. I. AMYL ACETATE is available in three grades—Commercial, High Test and Technical. We shall be glad to cooperate with you in selecting the grades best suited to your requirements.

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USI SOLVENTS & CHEMICALS
FOR LACQUER, SHELLAC, PAINT AND VARNISH

Paint, Varnish, Lacquer Materials

Pig Lead and Prices of Lead Oxides Reduced Sharply —Other Paint Materials Firm and Unchanged—Carbon Black Business Beginning to Improve

The price of pig lead was reduced twice at New York and East St. Louis last week, marking the first change in this metal since May 6 when it was reduced fractionally. The reductions came as a surprise to the trade because the general impression had been that the metal was in a firm position. No reason for the lower price was given but it was believed that demand in the past several weeks had not been sufficient to take care of quotas. Another reason advanced was that the reductions were made to prevent foreign lead from entering into competition with the domestic metal.

Following the lowering of the lead price quotations on lead oxides were reduced a similar amount. Other pigments were firm and demand for titaniums and zinc oxides was holding up well. Dry colors were moving in good fashion for the most part. Inquiries for carbon black deliveries began to pick up after very light buying in July. Varnish gums were quiet and casein and glue materials were firm and unchanged. Rosin was quieter in Southern and local markets, consumers in some cases being inclined to hold off after making rather liberal purchases in the previous week. Trade in turpentine was also quieter. Price movements were narrow, the prevailing tone being steady or firm.

Price Changes

Advanced

Rosin, gum, 2c. to 5c. per 100 lbs.
Turpentine, gum, ¼c. per gal.

Reduced

Lead, oxides, ¼c. per lb.
pig, ¼c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	126.2	126.2	131.2

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The price of lead was reduced ¼c. per ton last week to 4.75c. to 4.80c. per pound at New York and 4.60c. at East St. Louis. This was the first change in the market since May 6 when a $2 per ton reduction was made. The reduction followed sales in the preceding week that had been the best in several weeks. Danger of competition of foreign lead was one reason advanced for the drop. Slab zinc continued at the previous price with the market fairly quiet and sales light.

Lead. — Prevailing spot prices at New York, East St. Louis and London for the period from August 3 to August 9, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0500@.0505	$0.0485	..* .. ..
Monday	.0500@.0505	.0485	.. .. ..
Tuesday	.0485@.0490	.0470	.. .. ..
Wedn'sd'y.	.0485@.0490	.0470	.. .. ..
Thursday	.0485@.0490	.0470	.. .. ..
Friday	.0475@.0490	.0460	.. .. ..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from August 3 to August 9, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0565	$0.0625	..* .. ..
Monday	.0565	.0625	.. .. ..
Tuesday	.0565	.0625	.. .. ..
Wednesday	.0565	.0625	.. .. ..
Thursday	.0565	.0625	.. .. ..
Friday	.0565	.0625	.. .. ..

* London exchange closed.

Pigments

Litharge.—Reduced ¼c. per pound. Car lot figure was lowered to 6½c. per pound for delivery to the South and West and 6.15c. delivered to other points. The price of five tons delivered was quoted at 7c. to 7½c. per pound and smaller lots were at 7¼c. to 8c.

Lithopone.—The market was a bit less active. Shipments lighter. Prices firm and unchanged.

Orange Mineral.—Reduced ¼c. per pound to a level of 10¼c. to 11c. for delivery of five tons or more up to car lots, and 10¾c. to 11½c. per pound for delivery of less than five tons.

Red Lead.—Reduced ¼c. per pound. Car lots quoted at 7¼c. to 7½c. per pound for 95 percent material; 7½c. to 7¾c. per pound for 97 percent material and 7¾c. to 8c. for 98 percent. Delivery price for five tons or car lots is 7¾c. to 8½c. per pound for 95 percent; 8c. to 8¾c. for 97 percent, and 8¼c. to 9c. for 98 percent. Smaller lots are 8¼c. to 9c. for 95 percent; 8½c. to 9¼c. for 97 percent; and 9c. to 9¾c. for 98 percent.

Titanium Pigments.—Demand held to satisfactory levels. Shipments were regular and fairly heavy. Prices were firm and unchanged.

White Lead.—Reduction in pig lead failed to affect prices for this pigment. Demand routine.

Zinc Oxides.—Buying interest was still good. Shipments heavy. Prices firm and unchanged.

Fillers and Extenders

Asbestos. — Trade routine. Price firm.

Barytes.—Seasonal movements of stocks reported. Prices firm.

Blanc Fixe.—Conservative buying reported. Prices for both direct process and by-product materials unchanged.

China Clay.—Material was moving into consumption in routine fashion. Spot buying was light. Price steady.

Graphite.—Shipments were fairly heavy but were for small-sized lots only. Price firm and unchanged.

Gypsum.—Market inactive. Price steady.

Mica. — Movement to consumers fair. Inquiry light. Price unrevised.

Talc.—Domestic material in fair call. Imported product nominal.

Whiting. — Little of new interest. Market routine. Price steady.

Naval Stores

Quieter conditions prevailed in Southern and local markets for rosin

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Association meetings:—
Production Clubs, Oct. 28-30, Washington.
Paint, Varnish and Lacquer, Oct. 30-Nov. 1, Washington.

Are You Having Any Fun...or is the oil situation taking the joy out of life?

We are not guessing when we say Paranol 1750 makes excellent varnishes with drying oils other than Chinawood.

A sample and full information await your request.

Our Technical Staff is at your service.

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72-F-204, Toning Yellow
90-F-109, Phloxine Toner, Med.
80-F-311, Peacock Blue
WRITE FOR SAMPLES
The Hilton-Davis Chemical Co.
P. O. BOX 8, PLEASANT RIDGE STATION, CINCINNATI, O.

and turpentine last week so far as new business was concerned, although consumption was said to be holding up well for this period of the year. After making rather liberal purchases of rosin in recent preceeding weeks, however, consumers in some cases were disposed to hold off for a time pending further developments in the situation abroad as well as in domestic political and business affairs. A fair export inquiry for rosin was reported for Far Eastern account but there were few orders from other foreign sources.

The government withdrew from the markets of the South as a seller of turpentine, but continued to supply rosin. A conference of producers and dealers with government officials was held at Washington August 6 at which proposals concerning changes in marketing rules were discussed, these applying to the quantities to be taken from the government in filling orders. It was also proposed that the prevailing prices at Savannah be made the flat basis for such purchases. The proposals, if adopted, will become effective August 19.

U.S. Naval Stores Exports

Exports of naval stores from the United States during the first half of 1939 and 1940 were as follows:—

	1939.	1940.
Gum rosin, 50-lb. bbl...	250,107	221,069
Wood rosin, 500-lb. bbl.	138,393	177,987
Gum spirits of turpentine, gal.....	4,029,191	2,831,306
Wood turpentine, gal...	1,109,949	1,212,782
Pine oil, gal.....	769,049	1,065,603
Tar and pitch of wood, lb.	6,583,983	18,923,350
Sulfate resin, lb.....	2,251,057	7,281,319

Turpentine.—A steady tone prevailed in the local market for turpentine in the absence of any marked change in the primary situation. Trade here quieter, purchasing generally being limited to comparatively small quantities.

SAVANNAH, Aug. 9.—Following is a record of the turpentine market for the week:—

	Per gal. Cents.	Sales.	Barrels Receipts.	Shipments.	On hand.
*Saturday..	...	...	...	...	.....
Monday ...	21	10,650	288	9	12,904
Tuesday ...	21	4,050	370	...	13,274
Wednesday.	21	3,350	214	84	13,404
Thursday....	21¼	3,100	235	...	13,639
Friday.....	21¼	226	...	27	11,328

* No trading.

JACKSONVILLE, Aug. 7.—Turpentine receipts 802 barrels; shipments 1,219; stock 31,247.

PENSACOLA, Aug. 3.—Turpentine receipts 388 barrels; shipments 130; stock 10,530.

Markets at Other Centers

Chicago—Aug. 9

Turpentine is slow. Five-drum lots, 33c. per gallon; five wood barrels, 38c.; single drums, 36c.; single barrels, 41c.

LONDON, Aug. 9.—Turpentine, 53s. per 112 pounds.

Rosin.—The local market for rosin was quieter last week, such transactions as were reported being limited to comparatively small or moderate quantities for prompt shipment, with the aggregate movement of such lots apparently lighter than in recent preceding weeks. Price changes were narrow.

SAVANNAH, Aug. 9.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$1.15	$1.15	$1.15	$1.15	$1.15	$1.15
D	1.22	1.22	1.22	1.22	1.22	1.22
E	1.32	1.32	1.33	1.34	1.34	1.34
F	1.54	1.55	1.55	1.56	1.58	1.58
G	1.54	1.55	1.55	1.57	1.60	1.60
H	1.54	1.55	1.55	1.57	1.60	1.60
I	1.54	1.55	1.55	1.57	1.60	1.60
K	1.56	1.56	1.56	1.59	1.61	1.61
M	1.61	1.62	1.62	1.66	1.68	1.68
N	1.81	1.81	1.81	1.83	1.85	1.85
WG	2.08	2.09	2.09	2.12	2.13	2.13
WW	2.30	2.30	2.30	2.33	2.33	2.33
X	2.35	2.35	2.35	2.37	2.37	2.37

	Barrels				
Sales.... ...	201	174	220	110	114
Receipts. ...	1,327	1,033	1,078	968	1,580
Shipments ...	2,093	295	80	...	711
Stocks... ...	...	...	...	...	169,231

* No trading.

JACKSONVILLE, Aug. 7.—Rosin receipts 1,772 barrels; shipments 1,599; stock 308,223.

PENSACOLA, Aug. 3.—Rosin receipts 1,232 barrels; shipments 1,391; stock 47,186.

Markets at Other Centers

Chicago—Aug. 9

Rosin demand fair. Ruling prices at the close of business last night in five to 19 drum lots were:—B grade, $4.45 per hundred pounds net; G grade, $2.75; M grade, $2.86; W.W. grade, $3.60.

LONDON, Aug. 9.—Rosin, W.W., 32s. 6d. per cwt.

Other Naval Stores

Pine Oil.—Fair demand for moderate lots for prompt shipment. Tone steadier.

Pitch.—Spot trade somewhat more active. Stocks light. Tone firm.

Rosin Oil.—Fair demand for mod-

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Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
Lithol Toners
Red Lake C Toners
Permanent Orange Toners
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Technical men have proved our quality—and made Crosby a world factor in Naval Stores. Finished products made with Crosby ingredients are proving their reliability and their salability in competitive markets.
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erate lots. Tone steadier with basic material.

Tar.—Steady movement to local and other consumers on contracts. Prices maintained.

Dry Colors

Alkali Blue Toner.—Market fairly quiet. Price steady.

Carbon Black.—Spot sales slightly better. Inquiry up. Prices steady and unchanged.

Carmine No. 40.—Very firm market reported. Demand normal and routine.

Chrome Colors.—Business satisfactory. Shipments regular. Prices firm and unchanged.

Iron Blues.—Buying activity satisfactory. Shipments of good-sized lots reported. Prices steady and unchanged.

Iron Oxides.—Normal business reported. Prices firm.

Mercuric Oxides.—Buying very conservative. Orders for small supplies only. Prices well maintained.

Ocher.—Seasonal trade reported. Price unchanged.

Sienna.—Business satisfactory. Price unchanged and firm.

Spanish Red Oxides.—Producers reported normal business. Shipments regular and fairly heavy. Prices firm and unchanged.

Toner Red.—Demand for para, lithol and toluidin toners was holding well and shipments were in good-sized lots. Prices were firm.

Vermilion.—Buying sluggish. Price unchanged.

Bronze Powders

Late last week manufacturers of aluminum powder and paste had as yet failed to revise prices to conform with the reduction made in the metal two weeks ago. Business was fair.

Driers

Spot buying interest in palmitates and stearates continued to be fairly light last week. Withdrawals against previously-made contracts were regular but were for small-sized lots. All prices were firm and unchanged.

Lacquer Materials

The character of buying displayed relatively little change in the market for lacquer materials last week. Demand was generally moderate, and replacement buying steady. While not a great deal of broadening was looked for in the demand over the next few weeks, sellers were optimistic concerning the outlook for the Fall. Automotive production, combined with the National Defense program were expected to prove the chief supporting factors during the next several months. The price situation offered nothing new in the way of changes, and a steady to firm tone continued to govern the transactions.

Acetone.—Shipments moderate to most consuming channels. Spot and contract prices unchanged, with tone of market steady to firm.

Alcohol, Butyl.—Movement of normal and secondary steady against contracts. Pricewise a firm tone prevailed.

Butyl Acetate.—Quotations well sustained. Buying held to nearby needs as a rule.

Cellulose Acetate.—Moderate demand. No new price developments occurred.

Dibutyl Phthalate.—Interest routine. Quotations unchanged and firm.

Ethyl Acetate.—Withdrawals proceeded at a fairly steady pace. Prices in conformity with those established previously.

Isopropyl Acetate.—No change disclosed in the prices, buying for replacements remained satisfactory.

Triphenyl Phosphate.—Fair interest was manifest in the market. Quotations lacked any change, and market tone held firm.

Shellac

Shellac moved in moderate quantities and conventional manner throughout the past week. The market lacked special feature, being mainly routine in composition and generally steady in prices. Spot prices reflected the steadiness of values in India. While the market there was not especially active, it was apparently resting on firm foundations and not likely to change materially in favor of buyers. Local importers and manufacturers indicated that contracts were being taken out reasonably prompt. They also intimated that the coming Fall should bring a substantial gain in the general volume of sales.

Varnish Gums

The market for natural gums continued to reflect the quiet reported in primary centers abroad. Demand for early shipment was light and spot sales were slack. Belief that the market would be characterized by quiet until the end of Summer was expressed in the trade. All prices were unrevised and were reported firm.

Synthetic Resins

The demand for early shipment of ester gum was lighter last week. Buying was restricted to small-sized lots to cover immediate needs. Inquiry for the future was better. Prices were firm and unchanged. Other synthetic resins were moving in routine fashion with little of new interest reported.

Glues and Binders

Casein.—Listed quotations were again maintained last week. Buying was lighter but low production tended to firm the price. Imported material was unchanged.

Glues.—Market continued fairly active. Prices very firm.

Soybean Protein.—Seasonal business reported. Price firm.

N.P.V.L.A. Committees Hold Meeting in Chicago

The executive committee and the budget and finance committee of the National Paint, Varnish and Lacquer Association met at the Drake hotel, Chicago, July 25. A review of the finances indicated the association operating within its budget. Dr. Henry A. Gardner, director of the scientific section, reported on extensive tests being made on house paints. The following concerns were elected to membership in the association:—

Class A Members:—Aluminum Industries, Inc., Cincinnati, Ohio, A. E. Heroux; Fezandie & Sperrle, Inc., New York, Oscar E. Sperrle; Knoxville Paint Manufacturing Company, Knoxville, Tenn., M. Thomas Hehnen.

Class B Members:—Celluloid Corporation, Newark, N. J., E. W. Ward; Crescent Bronze Powder Company, Chicago, Ill., J. L. Lazarus; Neon Products, Inc., Lima, Ohio, S. Kamin; M. W. Parsons, Imports & Plymouth Organic Laboratories, Inc., New York, Hubert Bye.

Class E Members:—The Brookland Company, Washington, Wm. H. Hessick, jr.; Dyer Brothers, Inc., Washington, Manning Dyer; E. J. Murphy Company, Washington, Miss M. E. Conley.

Gerts, Lumbard Co. Names C.J. Byrne Vice-President

Charles J. Byrne, formerly in charge of the Burton Brush Company, Eastern subsidiary of Gerts, Lumbard & Co., brush manufacturer, Chicago, has been made a vice-president of the parent company and sales manager for both organizations. William Q. Gardner named manager of the Burton Brush Company.

Creosoted Wood Painting Described in Leaflet

"The Painting of Creosoted Wood" is the title of a new leaflet just issued by the Wood Preserving Corporation, a Koppers Company subsidiary, Pittsburgh. It describes seasoning after treatment and gives directions for painting creosoted poles and posts with aluminum paint.

Search Retires As Detroit Manager for National Lead Co.

William F. Search, manager of the Detroit sales office of the National Lead Company, this city, retired this month after forty-two years service. Mr. Search started as an advertising clerk with the old Carter White Lead Company in 1898, but was shortly thereafter transferred to the sales staff. He was appointed Detroit manager in 1926.

Reynolds Metals Company will receive $15,800,000 by the Reconstruction Finance Corporation, to enable that company to produce aluminum.

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IMPOSES OBLIGATIONS
WHICH WE
ENDEAVOR TO FULFILL

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PICCOLYTE RESIN
A PURE HYDROCARBON THERMOPLASTIC TERPENE RESIN

- Paint and Varnish manufacture
- Printing Inks
- A modifying agent for synthetic resin production
- Rubber compounding
- Laminating medium
- Paper coatings
- Heat and Pressure Sensitive Adhesives
- Masking and banding tapes and papers
- Blending with paraffin waxes
- Hot melt coatings
- Concrete, Stucco, and Brick treatments
- Leather and Paper stiffening
- Textile Waterproofing
- Blending with Petroleum Oils
- Oilcloth and Linoleum manufacture
- Binding medium in cold molding
- Use in mastic tile
- Sanitary coatings

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N.P.V.L.A. Engages Priest as Director

—Continued from page 3

erally. Included in his activities will be the building up of contacts and co-operation with allied organizations, meeting with and addressing conventions of building material dealers, hardware dealers, painters, and others, in cooperation with President Trigg.

Mr. Priest is a graduate of Harvard University with A.B. and A.M. degrees in chemistry. He entered the paint industry in 1919 with the Carpenter-Morton Company, Boston. Five years later he entered the government service, and in 1927 he became associated with the *American Paint Journal.* He was a participator in the formation of the Federation of Paint and Varnish Production Clubs, and has been active in the interests of local clubs and the national organization since 1922. He has also had a leading part in the national clean up and paint up campaigns and has been active in numerous civic and other movements in St. Louis.

Golden Gate Paint Club Wins DeLore Golf Trophy

The Golden Gate Paint, Varnish and Lacquer Association has captured the DeLore golf trophy, the first time in the history of the club. The total scores of the competing clubs follows:—Golden Gate, 618; Cincinnati, 658; Kansas City, 626; St. Louis, 663; Los Angeles, 634; Chicago, 690; Atlanta, 645; Memphis, 730.

Hilton-Davis Income Up

Hilton-Davis Chemical Company, Cincinnati, reported, for the fiscal year ended June 30, net earnings of $255,708. This compared with $169,827 in the previous year. Earned surplus increased from $59,106 on July 1, 1939, to $154,700 on June 30, 1940. The December 31 balance sheet lists total current assets of $1,097,174 and current liabilities of $406,724.

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Importers, Refiners, Manufacturers 62 TOWNSEND STREET, SAN FRANCISCO, CALIF. *4½ million gal. U.S. Gov't Bonded Tank Storage*

Current Market Quotations

Zinc Oxide—Zirconium

—Continued from page 21

Zinc, oxide, 5%, bbls., l.c.l., dlvd., except Pac. cst..lb.	.06¼-	—
ex whse., Pac. cst. lb.	.06¼-	—
85%, bbls., c.l., dlvd....lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.06½-	—
bgs., l.c.l., ex whse., Pac. cst..lb.	.06¼-	—
50%, bgs., c.l., dlvd., except Pac. Coast..lb.	.0606-	—
dlvd., Pac. cst..lb.	.0612-	—
l.c.l., dlvd., except Pac. cst..lb.	.0631-	—
bgs., ex whse., Pac. cst..lb.	.0637-	—
bbls., c.l., dlvd...lb.	.0637-	—
l.c.l., ex whse., Pac. Cst. lb.	.0662-	—
French process, com'l, lead free, bgs., c.l., dlvd..lb.	.06¼-	.07⅛
l.c.l., dlvd., except Pac. cst..lb.	.06½-	.07⅝
ex whse., Pac. cst.lb.	.06½-	.07⅝
bbls., c.l., dlvd.....lb.	.06½-	.07⅝
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	.08
ex whse., Pac. cst., lb.	06¾-	.08
Zinc oxide, French process, green seal, bgs., c.l., dlvd., l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst.lb.	.08¼-	—
bbls., c.l., dlvd.....lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst.lb.	.08¼-	—
red seal, bgs., c.l., dlvd..lb.	.07¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.07¾-	—
ex whse., Pac. cst.lb.	.07¾-	—
bbls., c.l., dlvd.....lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.08 -	—
ex whse., Pac. cst.lb.	.08 -	—
white seal, bgs., c.l., dlvd. lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¾-	—
ex whse., Pac. cst.lb.	.08¾-	—
bbls., c.l., dlvd.....lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.09 -	—
ex whse., Pac. cst.lb.	.09 -	—
imported, gold seal, cks., ex whse..lb.	.13 -	.14
green seal, bbls., ex whse., lb.	.10 -	—
white seal, cks., ex whse., lb.	.11 -	.12½
USP, bbls., c.l.....lb.	.09¼-	—
Palmitate, bbls.....lb.	.24½-	.27½
Resinate, fused, pale, bbls..lb.	.10 -	—
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.22 -	—
l.c.l., 1 ton.....lb.	.23 -	—
1,000-2,000 lbs.....lb.	.24 -	—
less than 1,000 lbs...lb.	.25 -	—
USP, bbls.....lb.	.23 -	.26
Sulphate, cryst., bgs., c.l.... 100 lbs.	2.90 -	—
l.c.l. .....100 lbs.	3.65 -	—
bbls., c.l.....100 lbs.	3.05 -	—
l.c.l. .....100 lbs.	3.80 -	—
flake, bgs., c.l.....100 lbs.	3.25 -	—
l.c.l. .....100 lbs.	4.00 -	—
bbls., c.l.....100 lbs.	3.40 -	—
l.c.l. .....100 lbs.	4.15 -	—
powd., bgs., c.l.....100 lbs.	4.55 -	—
l.c.l. .....100 lbs.	5.30 -	—
bbls., c.l.....100 lbs.	4.70 -	—
l.c.l. .....100 lbs.	5.45 -	—
Sulphide, bgs., c.l., (20 tons), dlvd..lb.	.07½-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.07¾-	—
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd....lb.	.07¾-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08 -	—
barium, pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.05¼-	—
calcium pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.05¼-	—
magnesium, pigment, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.05¼-	—
Sulphocarbolate, NF, bbls...lb.	.24 -	.26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15 -	—
l.c.l. works.....100 lbs.	5.50 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd., except Pac. cst..lb.	.05½-	—
ex whse., Pac. cst..lb.	.05½-	—
Zirconium nitrate, kgs., works.lb.	3.00 -	4.00
Oxide, crude, 70-75%, grd., bbls., works..ton.	75.00 -	100.00
white, 98%, grd., kgs., works, lb.	1.80 -	2.00

Trade Briefs

Wadsworth, Howland & Co., paint manufacturer, Malden, Mass., has moved its sales and general offices to 137 Federal street, Boston.

Herbert J. Miller, vice-president and factory manager for McDougall-Butler Company, paint manufacturer, Buffalo, is recovering from an appendectomy in Millard Fillmore Hospital, Buffalo.

National Lead Company, this city, has named Charles A. Schneider superintendent of the Baltimore plant to succeed August Weil, who was transferred to the Perth Amboy plant of the Atlantic branch.

Howard Kellogg, president of Spencer Kellogg & Sons, Inc., and Mrs. Kellogg will be hosts at a beach party and shore dinner on August 15 which will be attended by members of the Kellogg family from all parts of the country. The beach party will be held at the Kellogg Summer home near Buffalo.

R. Kenneth Ward, chairman for the past two years of the annual Junior Chamber of Commerce sponsored Kansas City Clean-up, Paint-up, Fix-up Week, has been appointed vice-chairman of the city beautification committee of the United States Junior Chamber of Commerce. He is a director and secretary of the Seidlitz Paint and Varnish Company, Kansas City.

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Aug. 5 issue; the next printing will be in the Sept. 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market which begins on page 31.

905 AROPLAZ

A pure alkyd resin of the very short, non-oxidizing oil type, especially designed for a wide variety of pyroxylin lacquers, which may be either high or low in total solids.

THE COMPLETE RESIN LINE
"S & W" ESTER GUM—all types
"AROFENE"*—pure phenolics
"AROCHEM"*—modified types
"ARODURE"*—urea-alkyds
"AROPLAZ"*—alkyds
NATURAL RESINS—all standard grades
*Registered U. S. Pat. Office

AROPLAZ 905 is exceptionally versatile because of:
- Initial paleness and color retention
- Extreme hardness, coupled with inherent flexibility
- Low viscosity in cotton solvents and diluents
- Compatibility with plasticizers and other lacquer resins
- Resistance to abrasion, chalking and cold-checking
- Outside durability, toughness and gloss

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Chrome Greens
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Distillers of Coal Tar Products

Oils, Fats, and Waxes

Cottonseed Oil Futures Lower With Lard—Linseed Oil Reduced —Further Decline in Tallow and Grease—Stearic Acid and Red Oil Down—Refined Fish Oils Weaken

Quotations on miscellaneous oils, fats and greases continued in downward trend last week and at the close of the period the tone of the market appeared to be rather easy, although in many cases there was no pressure of offerings. Business remained quiet. Here and there a fair inquiry was noted for commodities which are usually in demand at this season but as a rule purchasing was limited to small lots, the movement of such quantities being reported as lighter than in the previous week. Supplies in the hands of many consumers are believed to be small but with cottonseed oil and lard futures down to new low levels for the season, buyers of other oils and fats were still disinclined to purchase in advance of immediate needs despite the low prices prevailing.

Price Changes

Advanced

Linseed meal, 50c. per ton.

Reduced

Carnauba wax, No. 3 chalky, 1c. per lb.
No. 3 North Country, 1c. per lb.
No. 1 yellow, 2c. per lb.
No. 2 yellow, 2c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Grease, ⅛c. per lb.
Lard, 25c. per 100 lbs.
Linseed oil, 1/10c. per lb.
Menhaden oil, refined, 2-10c. per lb.
Red oil, ½c. per lb.
Sardine oil, refined, 2-10c. per lb.
Stearic acid, ¾c. per lb.
Stearin, ⅛c. per lb.
Tallow, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.8	**100.2**	**101.6**	**97.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Chinawood Oil

The local chinawood oil situation continued to be featured by a firm tone, prices being maintained at the recently advanced level. Inquiries were not lacking, but there were few transactions reported, as supplies of oil in the hands of importers were still limited. No material change was reported in the situation abroad, where shippers were firm in their views and apparently not in a position to increase offerings in any position. On the spot here, supplies of oil in the hands of independent dealers seemed to have been rather closely cleaned up, and there was no increase in offerings on the coast. Los Angeles reported the arrival of 42,000 pounds from Hongkong and 20,590 pounds from Shanghai. Importations at New York 370 tons from Hongkong.

SAN FRANCISCO, Aug. 7.—Buying of chinawood oil reported for deliveries through next 60 to 90 days. Hongkong cables say supplies slow in coming from interior. Quoted at 24½c. per pound in tankcars, f.o.b. San Francisco.

Vegetable Oils

Castor, Dehydrated.—Quotations stationary. Tone steady. Business fairly active.

Coconut.—Crude easy with competing products. Trade dull. Refined steady at recent decline.

Corn.—Crude and refined quiet. Buyers awaiting further development in competing products. Offerings light.

Cottonseed.—Edible oil steady. Fair demand for moderate quantities.

Olive.—Inquiries numerous. Offerings light owing to uncertainty concerning future supplies. Quotations generally nominal. According to a consular report from Seville production of olive oil in Spain from the 1939 olive crop estimated at 270,000 metric tons, against 250,000 previous season.

Peanut.—Tone steady. Offerings light. Reports of export inquiries in market for refined oil.

Perilla.—Supplies light on spot. Fair inquiry. Market steady.

Rapeseed.—Offerings limited and quotations generally nominal.

Soybean.—Export inquiries reported for refined oil. Domestic trade fair. Crude quiet. Market steady.

Teaseed.—Tone firm. Spot and shipment offerings light. Quotations nominal.

Markets at Other Centers

Chicago, Aug. 9.—A better tone is reported in vegetable oils.

COCONUT.—Crude, Pacific Coast, August-forward, 2¾c. to 2⅞c. per pound. Refined, edible oil, 8½c. to 8¾c. per pound, drums, car lots; and 9c. to 9¼c., drums, less than car lots.

CORN.—Crude, low acid, 5¼c. to 5⅜c. per pound. Refined, edible oil, 8¼c. to 8½c. per pound, drums, car lots; and 8¾c. to 9c., drums, less than car lots.

PEANUT.—Crude, South, 5½c. per pound.

SOYBEAN.—Crude, 4½c. to 4⅝c. per pound.

The market for soybeans on the Chicago Board of Trade was quiet and irregular. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	Closing Aug. 9.	Closing Aug. 2.
Cash	78½	78½	....	....
October	78⅛	67½	68½	74¼
December	74¼	67⅝	67½	74⅜

San Francisco, Aug. 7.—Paint oils steady and in moderate demand. Purchasing in all cases is limited to fairly early positions of delivery. Inventories are not being kept up, but delivery instructions are up to date in most cases.

COCONUT.—Bids at 2¼c. per pound in tankcars, but sellers generally 2⅜c. Offerings fairly plentiful. Copra quiet at 1.37½c. per pound, c.i.f.

BABASSU.—Quoted 5½c. to 5¼c. per pound in tankcars, f.o.b. Pacific Coast mills.

COTTONSEED.—Domestic oil 6⅛c. per pound in tankcars, f.o.b. northern California mills.

PERILLA.—Quoted 16¼c. per pound, duty paid, tankcars, f.o.b. San Francisco.

RAPESEED.—Argentine seed oil, quoted 8¾c. per pound in tankcars, duty paid, f.o.b. San Francisco. Japanese not offering.

WALNUT.—Crude California walnut nominally 7¼c. per pound, tankcars, f.o.b. Pacific Coast.

Linseed Oil

Changes in domestic flaxseed prices generally moderate. Linseed oil lower; meal higher; cake nominal. No seed shipments from Argentina last week. Receipts at New York 324,416 bushels.

Flaxseed—DULUTH, Aug. 9.—With traders awaiting the new crop, flax is quiet. Increased receipts, hedging at Minneapolis and rain increasing the prospect of a larger crop, all tend to depress prices.

The week's closing price range was as follows:—

	Cash.	Sept.
Saturday	$1.52	$1.49¼
Monday	1.51	1.47
Tuesday	1.51	1.47
Wednesday	1.51½	1.47½
Thursday	1.51½	1.47½
Friday	1.52	1.48

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	4,598	.....	3,112	.....

MINNEAPOLIS, Aug. 9.—Due to light to heavy rainfall through Minnesota and parts of Iowa a lull in cash flax movement is anticipated by the local crushing trade but considerable dry seed is coming on the market that was cared for prior to the change to bad weather. Demand for offers is avid and prices are holding firm compared with futures. Diversion point demand is aggressive but not particularly competitive now because of the anticipation of heavier receipts to come in the near future.

Shipping advices from the country are moderate currently because of the delay in harvest operations. Most of the flax received to date has been applied on arrive contracts made prior to harvest. Fresh arrive offers are limited.

Quality of most all of the seed is good. So far none of the drouth stricken northern seed has been received. Tests for oil and iodine have been very favorable to date. If rains further delay harvest considerable of a fine crop will turn scabby and lose value. For the past two days weather conditions have been very favorable.

Crushers are operating little of their capacity but enough to prevent any accumulation of seed in elevators.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.49	$1.47	$1.47¾
Monday	1.48	1.46	1.46½
Tuesday	1.48	1.46	1.46½
Wednesday	1.48½	1.46½	1.47
Thursday	1.48½	1.46½	1.47
Friday	1.49	1.47	1.47½

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	247,800	944,000	43,400	49,200
Since Sept. 1	4,887,000	2,909,341	2,341,900	741,620

WINNIPEG, Aug. 9.—The week's closing flaxseed price range was as follows:—

	Cash.	Oct.
Saturday	$1.30	$1.32
Monday	*	....
Tuesday	1.30½	1.32½
Wednesday	1.31	1.33
Thursday	1.30½	1.32¾
Friday	1.31¼	1.33

* Holiday.

BUENOS AIRES, Aug. 9.—Opening prices per bushel on August contracts were:—

	Last week.	Last Year.
Saturday	$1.16⅝	$1.11⅞
Monday	1.16⅝	1.11⅞
Tuesday	1.16⅝	1.11⅞
Wednesday	1.16⅝	1.12
Thursday	1.16⅝	1.12⅛
Friday	1.16⅝	1.12⅛

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE
BRAND (*distilled*)
STAR BRAND
(*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
220 East 42nd St., New York City
Branches and stocks in all large cities

Stearic Acid Oleic Acid Fatty Acids
(RED OIL)
A. GROSS & CO., 122 East 42nd Street, New York
ESTABLISHED 1837 FACTORY, NEWARK, N. J.

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
SPOT Woolworth Building New York, N. Y. FUTURE

Prompt Delivery—Drums, Barrels Or Tank Cars
TALLOW
LARD OIL
NEATSFOOT OIL
ANIMAL STEARINE
ACIDLESS TALLOW OIL
INDEPENDENT MFG. CO.
Bridesburg P. O. Philadelphia, Pa.

W. C. HARDESTY CO., Inc.
41 East 42nd Street New York
RED OIL STEARIC ACID
Saponified - Distilled
HYDROGENATED FATTY ACIDS (HYDREX)
Cottonseed Oil Fatty Acids Coconut Oil Fatty Acids
Palm Oil Fatty Acids Corn Oil Fatty Acids
Lauric Acid Specialty Fatty Acids
Glycerine - Pitch - White Oleine
FACTORIES: Dover, Ohio - Los Angeles, Calif. - Toronto, Canada
CALIFORNIA OFFICE: 5636 East 61st Street, Los Angeles
Cable Address "EPILOGUE"

Exports

To—	Last week.	Previous week.	Last year.
	Bushels		
United States...	.....	.....	417,000
United Kingdom	.....	.....	.....
Continent	.....	.....	470,000
Orders	.....	.....	4,000
Others	.....	55,000	118,000
Totals	.....	55,000	1,015,000

Since January 1

To—	This year.	Last year.
	Bushels	
United States.....	8,668,000	10,928,000
United Kingdom.....	5,837,000	548,000
Continent	11,856,000	17,679,000
Orders	606,000	6,952,000
Others	680,000	2,414,000
Totals	27,647,000	38,521,000

Visible Supply

	Bushels.
Last week.....	5,118,000
Previous week.....	5,118,000
Last year.....	4,724,000

Linseed Oil. — The local market was easier, quotations being reduced to 8.2 to 8.4c. per pound in tankcars, according to seller. It was said to be possible to purchase at a point or more below the inside figure on a bid, but buyers were inclined to hold off for further developments in the crop situation as well as in other commodities, and such transactions as were reported were limited to comparatively small or moderate quantities. Withdrawals on contracts showed some increase here and advices from outside points also reported an expansion in the movement to consumers and dealers on orders previously placed. Production at the mills remained light and stocks were said to be steadily dwindling. Receipts of new crop seed in Northwestern markets were below expectations. The quality of the arrivals was reported to be good.

MINNEAPOLIS, Aug. 9.—Linseed oil trade is quickening a bit but at the moment continues moderate to light. Some of the larger consumers are picking up cooperage and small tankcars for fill-in purposes and there is a fairly steady small lot trade.

Shipping instructions are good and mills are operating as freely as paucity of flax reserves will permit.

Quotations on carload lots, f.o.b. Minneapolis, tankcars, 8.1c. per pound; cooperage car lots, 8.7c. per pound; warehouse lots, 9.1c. per pound.

Shipments of oil in pounds were as follows:—

	1940.	1939.
Since Sept. 1.....	143,470,000	72,447,332
This week.....	2,900,000	1,140,000

SAN FRANCISCO, Aug. 7.—Sales of linseed oil are for immediate requirements and are spotty. Tankcars, 7.8c. per pound; drum car lots, ex-mill, 8.2c.; drum lots, ex-warehouse, 8.8c.

CHICAGO, Aug. 9.—Buying of linseed oil has been moderate and mostly routine. Tankcar, 8.3c. per pound; drums, car lots, 8.9c.; drums, less than car lots, 9.3c.

LONDON, Aug. 9.—Linseed oil, 44s. per cwt.

Cake and Meal.—Meal more active and firmer at $25 to $25.50 per ton. Cake quiet and nominally unchanged.

MINNEAPOLIS, Aug. 9.—Interest in old crop linseed meal offers fully equals supply and shipping instructions are slow in being filled because the crushers are cleaned out and are making very little fresh stock. There is virtually nothing offered for nearby shipment. Quotations on carload lots, f.o.b. Minneapolis, 100 pound sacks, $24.50 to $25 per ton.

Shipments of meal in pounds were as follows:—

	1940.	1939.
This week.....	5,120,000	2,600,000
Since Sept. 1.....	183,130,000	96,080,650

CHICAGO, Aug. 9.—Linseed meal quiet. Round lots, $24 per ton, mostly nominal; car lots, $24 to $25; less than car lots, $27 to $28.

Cottonseed Oil

Refined cottonseed oil futures had a downward trend in the local market. Southern markets for cottonseed products were quiet.

Cottonseed Oil.—The trend of cottonseed oil futures in the local market was mainly downward last week, new low prices being established for all positions. Lard continued to move downward and local and outside longs in cottonseed oil liquidated. There was also apparently somewhat freer selling on hedges, and some in the trade were inclined to expect increased pressure from this source when the movement of new-crop seed to the mills gets under way. On declines trade interests and shorts covered, but there was little disposition to take the aggressive on the buying side.

Southern markets for crude oil were easier, although prices were still mainly nominal in the absence of any increase of consequence in offerings. Sales of tallow were reported at a further decline. Coconut oil was dull and easy. Trade in cash refined cottonseed oil remained quiet much of the time, although there were reports of some improvement in the inquiry late in the week. The export movement of lard continued light. For the season to July 27 exports of lard from Atlantic and Gulf ports to all destinations were about 78,000,000 pounds smaller than in the same time last season. Stocks of lard in Chicago at the close of July were 195,904,723 pounds, against only 86,631,892 pounds last year. Receipts of hogs in the principal western centers continued rather liberal. The weight of the hogs received in Chicago during the week ended August 3 averaged 229 pounds, against 226 pounds in the previous week.

The weekly government cotton crop report was regarded as rather favorable on the whole, despite drawbacks in some important sections where the weather was too dry and hot. The monthly government report put the indicated cotton crop as of August 1 at 11,429,000 bales, against 11,817,000 bales last season. Cotton ginned prior to August 1 was 31,966 bales, against 137,254 bales last season.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 5 to August 9, inclusive, consisted of 772 contracts, a total of 46,320,000 pounds. Following is a price record for the week:—

	High.	Low.	Close.
	Cents per pound in tanks		
January	5.84	5.60	5.70@5.72
March	5.98	5.66	5.79 sale
September	5.87	5.48	5.55@5.58
October	5.85	5.49	5.58@5.59
December	5.90	5.58	5.68 sale

Crude, Southeast, .04½c. Nom.

Chicago, Aug. 9.—Trade in cottonseed oil is rather backward. Good, off-Summer yellow fig oil is 6¼c. per pound. Refined, edible oil is 8½c. to 9c. per pound, drums, car lots; and 9c. to 9½c., drums, less than car lots.

Hull, Aug. 9.—Cottonseed oil, refined, 35s. 7½d. per 12 pounds; crude, Egyptian, 31s. 1½d.

Cake and Meal.—Southern markets were generally quiet although an increased inquiry was reported in some sections for new crop meal.

Markets at Other Centers

Atlanta, Aug. 7.—Spot cottonseed meal, 8 percent, $27 to $27.50 per ton, Southeast; September shipment, $23 to $23.50; October, $22.50. Spot meal scarce. Prime crude oil is 5c., nominal.

Memphis, Aug. 8.—Practically no trading in crude cottonseed oil this week. Last bid 4¾c. Stocks about exhausted. Meal, 41 percent, $27, Memphis. Cake $25, Valley. Stocks low. Crop two to three weeks late but now progressing favorably. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	Aug. 1.	Aug. 8.
September	$22.75@23.00	$21.30@21.50
October	21.25@21.40	20.50@——
December	20.85@——	20.00@20.10
January	——@——	19.90@20.00

Fatty Acids

Capric Acid.—Fair movement of moderate lots to local and other consumers. Market steady.

Castor Oil.—Steady movement into consuming channels on contracts. New business quiet.

Coconut Oil.—Buying interest apparently limited to comparatively small lots.

Cottonseed Oil.—Fair contract movement. New business quieter. Market steady.

Myristic Acid.—Somewhat better inquiry for moderate lots.

Red Oil.—Easier with basic material. Quotations reduced ½c. Trade fair.

Stearic Acid.—Recent declines in tallow reflected in reduction of ¾c. in stearic acid prices. Business quiet.

Chicago—Aug. 9

Fatty acids are moderately active.

RED OIL.—Distilled or saponified, 6¼c. to 7¼c. per gallon.

STEARIC ACID. — Distilled, single press, 8½c. to 9½c. per pound; double press, 9c. to 10c.; triple press, 11¾c. to 12¾c.

OTHER FATTY ACIDS.—Corn oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., drums, car lots; 9½c. to 9¾c., drums, less than car lots; coconut oil, acidulated, 9½c. to 9¾c. per pound, tankcar, mostly nominal; 10c. to 10¼c., drums, car lots; 10½c. to 10¾c., drums, less than car lots; cottonseed oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., drums, car lots; 9c. to 9¼c., drums, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2¾c. to 3c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1½c. to 1¾c.

Fish Oils

Menhaden.—Refined oil easier. Quotations reduced two points. Purchasing limited to comparatively small lots.

Sardine.—Easier position of crude reflected in local market for refined. Prices down two points. Trade quiet.

Sperm.—Business fairly active. Selling schedules maintained at former levels.

Whale.—Quotations stationary and market tone steady. Fair inquiry for small lots.

Chinese Oil Exports Slump Shown in New Trade Review

A total of 1,414,224 quintals of vegetable oils and waxes was exported from China during 1939, according to data appearing in a trade review recently published by the China Vegetable Oil Corporation, Hongkong, China. The total in 1938 was 1,478,747 quintals, and in 1937 amounted to 2,341,538 quintals.

In specific listings it is also shown that of the total, chinawood oil exports in 1939 were 335,016 quintals, a sharp decrease from the 1938 and 1937 figures of 695,777 and 1,029,789 quintals respectively. The second most important oil to be exported by China in these years was groundnut oil. In 1939 282,192 quintals of groundnut oil were sent abroad, compared with 242,515 in 1938, and 414,765 in 1937.

Also included in the total figure is a general classification of essential oils. In 1939 there were 731,668 quintals of such oils exported; in 1938 the amount was 452,751 quintals, and in 1937 the figure was 466,492 quintals. The study also presents detailed statistics as to the exports of oilseeds, cakes and meals.

Markets at Other Centers

Baltimore, Aug. 7.—No crude menhaden sales this week. Fairly good reports still being received concerning fishing off the Capes, Delaware Bay and New Jersey coast. Offerings of oil at Morehead City were lacking. Reports from Florida less satisfactory, weather for fishing this season being favorable for only about three weeks.

San Francisco, Aug. 7.—Oregon-Washington pilchard production out of the current season was taken up at 25 cents, 23 cents and then 22 cents per gallon in tankcars, while in California producers dropped their quotations to 24 cents and were reported as being unable to secure any interest from buyers.

One report said there were about 150 tankcars traded during the week.

Fishing was reported as slow in the Northwest, and a total of only a few hundred tons was turned in. Reduction plant labor trouble is disrupting operations at Aberdeen, Washington, it was learned, although everything was said to be satisfactory in the Columbia River area.

California's season opened just a week ago, but fish tonnage prices have not been settled with the fishermen yet and there is nothing pointing towards any immediate activity. Part of the trade expects operations will be commenced before the month is over, however. That of course remains to be seen. Labor difficulties delayed the California season two months last year.

Fats and Greases

Grease. — Easier with other commodities. Quotations shaded ⅛c. Fair inquiry.

CHICAGO, Aug. 9. — Choice white grease, 3⅛c. to 3⅜c. per pound, tierces; yellow, 3c. to 3⅛c.

Lard. — Domestic cash trade fair. Export movement light. Price changes moderate.

CHICAGO, Aug. 9.—Following is a lard price record, per 100 pounds, for the week:—

	High.	Low.	Closing Aug. 9.	Closing Aug. 2.
Cash	$5.35	$4.87	$4.87	$5.37
October	5.50	4.92	5.02	5.52
December ...	5.65	5.10	5.22	5.67

Stearin. — Trade quiet and tone easier. Quotations shaded ⅛c.

CHICAGO, Aug. 9.—Prime oleo stearin, barrels, 5c. to 5¼c. per pound; lard stearin, 5½c. to 6c.

Tallow.—Market easier under somewhat freer offerings. Sales of extra at 3⅝c. per pound, delivered, a decline of ⅛c.

CHICAGO, Aug. 9. — Edible tallow, tierces, 3⅝c. to 3¾c. per pound; inedible, prime, 3½c. to 3¾c.; special, 3¼c. to 3½c.

There was no trading in tallow futures on the New York Produce Exchange from August 5 to August 9, inclusive. Following is a price record for the week:—

	High.	Low.	Close.
	Cents per pound in tanks		
October	...	...	3.50 nom.
December	...	...	3.50 nom.

Animal Oils

Lard.—Fair demand for moderate lots of spot oil. Market tone steady.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

TALL OIL

a high saponifiable, low-priced product
CRUDE AND DISTILLED
C/L and L/C/L deliveries

A. J. RIMBERG COMPANY
117 LIBERTY STREET, NEW YORK
Specialists since 1920

THE BRODÉ CORPORATION
MEMPHIS, TENNESSEE

Domestic and Export
PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS
Members—Memphis Merchants Exchange (Futures in Cottonseed Meal)
New York Produce Exchange (Futures in Cottonseed Oil)
District Representatives
JAMES LOVATELLI & CO., 2 Broadway, New York City
Codes: Yopps, Robinsons, Bentleys, A. B. C.. 5th Edition Peerless

PETROLEUM SULPHONATES
(Naphthenic or Mahogany Soaps)

FILTRABLEND
Line of ready-made bases for soluble oils, textile oils, metal cutting oils, wax emulsification, etc.

FILTRONA
Highly purified dispersing agent for all technical oil emulsions.

FILTRAWAX
Pure White — Amorphous Structure

Ask for Complete information

Distributors Wanted in Several Territories

PETROLEUM SPECIALTIES, INC.
570 LEXINGTON AVENUE PLaza 8-2644 NEW YORK

CHICAGO, Aug. 9.—No. 1 lard oil, 8c. to 8¼c. per pound.

Neatsfoot.—Purchasing limited to small or moderate lots for prompt shipment. Prices steady.

Oleo.—Somewhat better request from local and outside buyers. Tone steady.

CHICAGO, Aug. 9.—Extra oleo oil, 7c. to 7¼c. per pound.

Tallow.—Steady with trade quiet and routine.

CHICAGO, Aug. 9.—Acidless tallow oil, 8c. to 8¼c. per pound.

Waxes

Bayberry.—Not much action in this item. Steady undertones and prices.

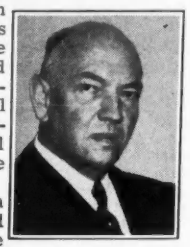
Bees.—Undertones continue firmer in South American waxes. Spot steady at unchanged prices. Demand fair. Stocks of refined and bleached waxes satisfactory.

Candelilla.—Dull market. Declining carnauba market reduces interest in candelilla. No price change.

Carnauba.—Weaker. Lower. Inactive. A buyers' market that lacks buyers. Highly competitive situation. Quotations: No. 3 chalky, ton lots, 43c. to 44c. per pound; 5 bag lots, 43½c. to 44½c.; 1 bag lots, 44c. to 45c.; No. 3 North Country, ton lots, 44c. to 45c.; 5 bag lots, 44½c. to 45½c.; 1 bag lots, 45c. to 46c.; No. 1 yellow, ton lots, 56c. to 57c.; 5 bag lots, 56½c. to 57½c.; 1 bag lots, 57c. to 58c.; No. 2 yellow, 55c. to 56c.

Schofield-Donald Names Harold Haines Sales Head

Harold W. Haines, who had been identified with the chemical sales end of the U. S. Industrial Alcohol Company for twenty years, has been appointed sales manager for the Schofield - Donald Company, Inc., according to Daniel H. Reheis, secretary and general manager of the company.



H. W. Haines

Mr. Haines, a graduate chemical engineer of the School of Mines of Columbia University, started his manufacturing business career in 1917, in which year he designed and operated the plant of the Alcohol Products Company, Newark, N. J. He joined U. S. Industrial Alcohol Company in 1921, serving as manager of chemical sales in its Chicago and New York offices.

Schofield-Donald Company, Inc., 154 Nassau street, New York, was established in 1926, specializing in the sale of magnesium compounds and kaolin, and is now handling, in addition, a wide line of chemicals entering the paint, rubber, pharmaceutical, cosmetic and allied industries.

Soda Silicate Freights Down

Albany, Aug. 8, 1940

The New Public Service Commission has approved new commodity freight rates on liquid soda silicate in tankcars as follows:—

Of the Erie railroad from stations East Buffalo to Black Rock inclusive to North Tonawanda and Lockport 5 cents per hundredweight; from Buffalo stations to North Tonawanda 5c. per hundredweight; from Ebenezer to North Tonawanda on the Erie, Lehigh Valley and New York Central and Lockport on the Erie and New York Central, 5c. per hundredweight. Reduction from class rates. Effective August 25. From stations East Buffalo to Black Rock inclusive to North Tonawanda and Lockport 5c. per hundredweight. Reductions from class rate. Effective August 20.

E. A. BROMUND COMPANY
—o—
Diamond Brand
Yellow Beeswax
Refined
—o—
258 BROADWAY, NEW YORK CITY
BArclay 7-8445 Est. 1880

Allergic Dermatitis

—Continued from page 3

Mills, Ltd. (1936) it was found as a fact that the plaintiff's skin was normal and that the garment was defective, so the defendant had to pay. It may be remarked in parentheses, however, that though this is unquestionably sound law, both scientific and legal opinion now entertain some doubt about the facts. If the facts be assumed the results duly follow.

The next stage was in 1939—Griffiths *v.* Peter Conway. In this case the two issues mentioned by Lord Wright in the Australian case were involved; one: Was the plaintiff's skin normal? and the other: Was there in the garment a mischievous chemical? It was proved by the evidence that the skin was not normal but that the garment was, so the court held that the section of the sale of goods act did not apply because what was being dealt with was something abnormal which no seller could assume to exist.

Idiosyncrasy

So the issues become clearer, but difficulties still remain. What is abnormality? How is its existence to be proved? It is fairly clear from other cases that the abnormality must be of the nature of an idiosyncrasy; not merely supersensitivity; and there is here a real difference, though it may be difficult to demonstrate.

Mustard gas, for example, will wreak its mischief upon every skin of man upon which it comes; but as every A.R.P. officer now knows, he who has once been bitten becomes supersensitive and will react violently to a minute quantity which would not affect a normal person. Again, if small amounts of, say, paraphenylenediamine come in contact with a thousand persons, we know about how many will be irritated by it. These are the supersensitive skins, and I will refer shortly to how they may be caused or recognized. Suppose, however, that a person reacts violently to a particular substance usually harmless, be it a primrose leaf or a piece of fabric of otherwise impeccable character, the cause is idiosyncrasy and, having regard to the Conway case, the sufferer has no remedy at law.

How may the existence of idiosyncrasy be proved? Usually the proof must be indirect. First, the most careful search needs to be made for abnormal or improper substances in the material which is under suspicion, and I have dealt in another journal with appropriate ways of doing this. It will be quite idle to try to prove idiosyncrasy if some substance is present to which some people are known to be supersensitive or if there is some other evidence of negligence or lack of due care in manufacture, so any case in which a defence is based on idiosyncrasy must presuppose that the garment or what-not in dispute is impeccable. If this be established, one is at least half-way toward proving idiosyncrasy, for the only real proof of idiosyncrasy is the fact itself. If it could be predicted or detected in some other way it would not be an idiosyncrasy; it might be a supersensitivity, but it would not be idiosyncrasy.

For example, in a recent case the fabric of a certain pair of shoes produced on a woman the most violent reactions. From patch tests one might have supposed that mustard gas, croton oil, or something equally drastic must have been present, yet in fact there was nothing save the ordinary substances natural to the material which had produced no ill-effect on the feet of 750,000 other people. Such facts are their own evidence of idiosyncrasy. Tests on the lady by expert dermatologists produced no result which would suggest the existence of such an irregularity. It is true that various actions, such as palatal reflex, corneal reflex, and dermatographia, have been suggested as possible tests for idiosyncrasy, but their validity is by no means universally admitted amongst dermatologists, and prima facie it is difficult to see why they should have any relevance.

Supersensitivity

Witfh supersensitivity it is otherwise. There will presumably be some substance present, be it in the most minute proportions, which will account for the observed effects. Moreover, a person whose skin is merely supersensitive will be likely to manifest certain symptoms thereof to the experienced dermatologist. Again, the reactions obtained will bear some relation at least to the quantity of the irritant, and sometimes, though not always, the supersensitivity may be traceable to a known cause. Herein lies hope for further study. If a person shows an abnormal sensitivity toward mustard gas, it is not difficult in these days to suppose that he has had some previous acquaintance with this misbegotten concoction.

It will be of interest to consider a few known cases of sensitization by organic compounds. Catechol is a simple diphenol; so far as is known it is quite harmless. If, however, a long unsaturated chain be introduced, such as $C_{15}H_{27}$-, the product is urushiol, a pale oily substance which is extremely irritant to some people. It occurs in a species of lacquer, *Rhus vernicifera*, allied to the notorious poison ivy, *Rhus toxicodendron*. Landsteiner has shown that a preliminary treatment with urushiol renders animals extremely sensitive to poison ivy. Further, if the animals are treated with other catechol derivatives such as geranylcatechol, similar sensitization is effected.

Sensitizing Compounds

A similar sensitization can be induced by preliminary treatment with tetradecylcatechol from catechol and myristic acid, and Toyama has shown that other catechol derivatives can induce hypersensitivity. Again, certain synthetic perfumes contain methylheptin carbonate; sensitivity to this compound can be induced by previous treatment with it.

Consider again certain simple aromatic compounds: 1:2:4-trinitrobenzene can be an active irritant; sensitivity toward it can be induced by previous application or injection of quite a variety of related compounds including 2:4-dinitrochlorobenzene, orthochlorobenzyl chloride, parachlorobenzyl chloride, or paranitrobenzyl chloride and 2:4-dinitrobenzyl chloride, also by a number of acyl chlorides including benzyl chloride, parabromobenzenesulphonyl chloride, parachlorobenzyl chloride, picryl chloride, and various nitrobenzenesulphonyl compounds.

In the circle of amino compounds which are so frequently implicated in fur dermatitis, sensitization toward paraphenylenediamine can be induced by a wide variety of chloroanilins. Nitrosophenols, aminophenols, quinine, resorcinol, and acetylsalicylic acid too are excitants of supersensitivity.

Contributory Factors

Many other instances of substances which induce sensitivity in the human skin might be cited, but the subject is puzzling, full of perplexities, and very difficult to apply to individual cases, such as arise in industry. However, there is now, I think, a considerable body of evidence that these unexpected sensitivities may be due to definite chemical causes even though such causes may not be ascertainable. Animal experiments indicate, but by no means prove, that certain diets induce sensitivity toward particular dyestuffs, and it is quite well known to hairdressers, for example, that a person who has had her hair dyed several times with a particular dye may become on some subsequent occasion supersensitive and develop quite an acute dermatitis. The cause of the change may not be clear, but there is accumulating evidence of significance. Lest I overstate the proposition of sensitization by external contact I will quote a caution from one of Landsteiner's papers:—

> It may be stated again that with a considerable number of substances which produce severe allergic disease in man, experimental sensitation has not been surely achieved either in animals or human beings . . . even for cases where the formation of antigenic conjugates might be expected on chemical grounds.

With these various facts in mind and the effect of recent legal judgments it appears that the settlement of disputes arising from dermatitis, though still very difficult, may tend to be more equitable. The manufacturer should no longer have to pay substantial damages to any person who claims to have been irritated by his product but has a much fairer chance of being able to show that his product was not in any wise to blame; and it would appear that the plaintiff must bear the onus of proving a defect and the absence of a personal idiosyncrasy. There seem grounds, too, to hope that perseverance in the study of sensitization and in the examination of materials which do irritate may in due time throw more light upon the still baffling problem of these sudden reactions of the human skin.

Bids Wanted

Calcium Carbide:—27,000 pounds; Contracting Officer, Materiel Division, Wright Field, Dayton; circular 189, opening August 23.

Dibutyl Phthalate:—73,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 240, opening August 16.

Dichlorodifluoromethane:—35,000 pounds for Brooklyn; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 2725, opening August 27.

Dinitrotoluene:—219,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 240, opening August 16.

Enamel:—Supplies of; Contracting Division, Materiel Division, Wright Field, Dayton; circular 101, opening August 13.

Fuel Oil:—150,000 barrels; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 900-3631, opening August 22.

Lime, Hydrated:—7,680 bags; Commanding Officer, Picatinny Arsenal, N. J.; procurement 267, opening August 14.

Paint Materials:—Supplies of; Contracting Officer, Materiel Division, Wright Field, Dayton; circular 115, opening August 15.

Paraffin Oil:—5,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 269, opening August 19.

Gasoline Freights To Be Reheard

OPD Washington Bureau
August 6, 1940

Reversing ordinary procedure, the Interstate Commerce Commission today ordered the reopening of the hearing on proposed trainload rates on gasoline from the Midcontinent area to North Central States. The hearing, unusual because such proceedings are rarely reopened, is scheduled for October 9 in Oklahoma City.

Presumably the commission's order resulted from complaints that Examiner C. E. Stiles' report of last April on the case had independently introduced the matter of trainload rates. At oral arguments before the commission in July, the railroads called for the rejection of trainload rates on the grounds that the question had not been discussed in the complaint, and they therefore had no opportunity to submit evidence on the subject. Spokesmen for independent refineries approved the substitution of trainload for carload rates, but criticized the examiner's proposed charges as being too high. Examiner Stiles had recommended establishment of trainload rates at about one-half to two-thirds of the present carload rates on shipments of twenty-five tankcar loads of gasoline of 8,000 gallons each.

In addition to the introduction of new evidence at the hearing, the commission has asked for discussion of the cost difference between carload and trainload rates; to what points and in what manner the proposed charges should apply; how to determine the spread between the two types of rates; and the reasonableness of gasoline pipeline rates. No further proposed report will be issued.

Crude Oil Daily Output Down

Daily average gross crude oil production in the United States during the week ended August 3 was 3,493,550 barrels, a drop of 196,850 from the 3,690,400 in the previous week, according to the American Petroleum Institute. A decline of 184,300 barrels in the daily average output of Texas was the most important change. Stocks of finished and unfinished gasoline in the United States at the end of the week were 89,492,000 barrels, a decline of 681,000 from the 90,173,000 a week earlier. A year ago these stocks amounted to 77,310,000 barrels. Finished gasoline stocks declined 534,000 barrels to 82,669,000, compared with 71,304,000 on Aug. 3, 1939.

Petroleum Freight Rate Reduction Delayed to 1941

OPD Washington Bureau
August 5, 1940

The Interstate Commerce Commission has ordered postponed until February 28, 1941, certain schedules which called for reduced railroad rates in the transportation of petroleum and its products to South Atlantic ports.

CHLORAMINE-T
U. S. P.

Chloramine-T U. S. P. (sodium paratoluenesulfonchloramide) is an effective antiseptic and germicide for surgical and topical uses, the success of which is a matter of record. A white crystalline powder of faint chlorous odor, it is soluble in water and has the following favorable properties:

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Drugs, Fine Chemicals

Quicksilver Export License Issued on Metal for Great Britain — Methanol and Gelatin Statistics Released — Alcohol Advance Leaves Prices Reasonable—Minor Iodides Steady

Prices for most drugs and fine chemicals held very steady during the past week. Major items displayed substantial strength in most instances and even minor articles were at least very steady. Where concessions in price were made to buyers, the concession did not lead to a general and open revision of the market. Undertones were generally firm and demand was a fully supporting element in the generally satisfactory situation.

Licenses to export quicksilver to Great Britain were issued by the export control board of the Treasury Department during the week under review. Until last week, petitions for licenses had remain ungranted for so long that the hopeful exporters had begun to lose hope. So far as is known, no action has been taken on petitions for licenses to Japan. A substantial quantity of metal now goes to Great Britain and the ability to export will possibly check the recently downward trend of prices. It had been feared that a huge quantity of metal already sold abroad would be dumped back on the market.

Minor iodides remained steady at unchanged prices despite late rise in the cost of crude iodine. Ethyl alcohol at higher prices merely reflected higher selling costs and increased selling risks. The market was considered still reasonable. Statistical data on production and stocks of methanol and edible gelatin were released by the Bureau of the Census, Department of Commerce.

Acid, Boric.—Good demand. Volume normal. Prices firm. Market stable.

Acid, Citric.—Consumption stimulated still by extremely hot, humid weather. Fully stable prices show no signs of change.

Acid, Fumaric.—Ample production. Item finding increasing favor. Wider use looked for.

Acid, Gallic.—Steady to firm prices and demand.

Acid, Hydriodic.—Unchanged not withstanding recent rise in iodine price.

Acid, Phosphoric.—Moderate activity. Steady prices. Firm undertones.

Acid, Tartaric. — Strong market. Price strength not likely to turn easier. Raw material situation governing factor. Demand very good.

Agar.—Still unsettled. Europe taking very little from Japan. Creates surplus at source and weakens prices.

Alcohol.—Firm. Moving in excellent quantities. Higher prices merely reflect higher selling costs on pure ethyl item. No additional rise last week. Industrial alcohol moving in good volume at firm prices. Market position considered satisfactory as to total takings.

Bismuth Metal and Salts.—Market changed little. Fair demand of exceptionally steady sort. Deliveries prompt. Reserves adequate.

Bromine and Bromides.—Major salts moving well at prices made more attractive recently. Plentiful production has turned values in buyers' favor. Stability sought now.

Cadmium Metal and Salts.—Fully steady. Consumption running well. Platers taking ample quantities of metal. Firm prices.

Caffeine.—Firm prices. None too ample supply. Not all orders being placed. Export trade could be very heavy. Exporters disposed to complain. Production here controlled by raw material availability.

Calcium Glycerophosphate. — Business very good. Fully normal volume noted. Prices maintained free of competition.

Calcium Sulphocarbolate.—Limited needs filled promptly at steady to firm prices.

Camphor.—Firm prices. Japanese item firmer on spot. Domestic synthetic supplying needs of many former buyers of Japanese refined gum. Future production of synthetic well sold up.

Price Changes

Advanced

None

Reduced

Ephedrine, alkaloid, 15c. per oz. hydrochloride, 15c. per oz. sulphate, 15c. per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
203.2	203.2	203.8	182.5

Market news that may have developed after this report was sent to press will be found on page 4.

Castor Oil.—Seed steadier. Prices changed very little of late. Oil steady at late decline. Demand very fair most of time.

CHICAGO, Aug. 6.—Castor oil quiet. Prices are:—Cold pressed, U.S.P., barrels, car lots, 12⅝c. per pound; barrels, less than car lots, 13⅜c.; returnable drums, car lots, 12⅜c.; drums, less than car lots, 13⅛c.; tanks, 11⅞c.; No. 3, barrels, car lots, 12⅛c.; barrels, less than car lots, 12⅞c.; returnable drums, car lots, 11⅞c.; drums, less than car lots, 12⅝c.; tanks, 11⅜c.

Chloroform.—Business as usual and very steady. Prices firm. Competition conservative.

Chrysarobin.—Firmness based on cost of raw material. Demand strictly routine. Stocks not excessive.

Cinchonidine.—Surcharge of 7c. covers cost incident to the war. Very firm market. Trade moderate.

Cinchonine.—High costs caused by war maintain surcharge at 7c. per ounce. Current call moderate. Fair stocks in hand.

Cocoa Butter.—Consumption moderate. Stocks plentiful. Prices mainly soft. Declines main movement of late.

Codliver Oil.—Understones strong. Demand moderate. Sellers reserved. Replacement of stocks uncertain. Iceland main source of readily available supply.

Ephedrine.—Lower. 1,000-ounce lots, alkaloid, 85c. per oz.; hydrochloride and sulphate, 65c.

Ether. — Price position of entire group in steady position. Demand holding up with tendency toward moderate increase.

Gelatin.—Edible item moving steadily. Steady market generally. Statistics on production and stocks of edible gelatine for first and second quarter

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Federal Wholesale Druggists, Sept. 8-11, Hot Springs.
National Wholesale Druggists, Sept. 30-Oct. 3, White Sulphur Springs.
DCAT outing, Oct. 18-19, Skytop.
Pest Control Association, Oct. 28-30, Indianapolis.

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Carus Chemical Co.
Benzoic Acid
Soda Benzoate

Brown Company
Chloroform

Hawaiian Pineapple Co.
Citric Acid

Zinsser & Co.
Gallic Acid
Tannic Acid

Stauffer Chemical Co.
Cream Tartar
Tartaric Acid

British Cod Liver Oil Producers
Cod Liver Oil

Heavy Chemical Division
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of 1940 and 1939, compared with previous quarters in both years together with figures on imports and exports are as follows according to the Bureau of the Census, Department of Commerce:

Edible Gelatin

	Pounds	
	1940	1939
Production		
1st Quarter	7,515,099	6,340,019
2nd Quarter	6,970,685	6,322,897
Stocks*		
1st Quarter	10,286,701	8,909,144
2nd Quarter	10,361,529	9,477,587
Imports		
1st Quarter	548,162	599,121
2nd Quarter	444,037	688,095
Exports		
1st Quarter	701,895	75,439
2nd Quarter	300,381	78,802

* Stocks at end of quarter.

Glycerin.—Demand steady. Good volume noted. Prices stable. No signs of unsettlement. Production meeting requirements promptly and fully.

CHICAGO, Aug. 6.—Glycerin steady. Prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums, car lots; 13c., drums, less than car lots; high gravity, 11¾c. per pound, tanks; 12c., drums, car lots; 12½c., drums, less than car lots.

Hexamethylenetetramine.—Business normally active. Firm undertones. Completely stable prices. Outlook favorable.

Hydroquinone.—Seasonal consumption at satisfactory levels. Prices steady in well stabilized market. Stocks ample.

Iodine and Iodides.—Firm prices. Good call. Normal consumption afoot. Minor iodide prices remain unadvanced.

Magnesia.—Calcined and carbonate moving well. Firm market undertones and prices. Deliveries prompt in most instances.

Methanol.—Monthly statistics production of crude and synthetic methanol, almost the entire output of commodities in the United States, released by Director William L. Austin, Bureau

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of Census. Department of Commerce, follow:—

Production

	Gallons			
	1940		1939	
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan..	3,452,677	457,271	2,462,884	351,814
Feb..	3,782,402	448,815	2,267,339	336,157
Mar..	3,462,946	506,937	2,406,564	364,500
Apr..	3,486,233	441,888	2,276,385	389,423
May..	3,408,517	436,883	1,778,581	354,415
June..	3,426,100	425,578	2,295,288	343,992
T't'ls.	21,018,875	2,715,372	13,487,041	2,140,301

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1940.	1939.
January	44,323	63,353
February	44,927	31,715
March	47,781	35,301
April	44,617	38,176
May	45,667	33,857
June	42,961	35,592
Totals	270,276	205,994

Quicksilver.—Export control board, Treasury Department, grants export license on metal destined for Great Britain. Involves substantial quantities. Spot market quiet. Undertone unsettled. Conditions favor buyers. Ability to export may stiffen undertones of market.

SAN FRANCISCO, Aug. 7.—Export permits granted for quicksilver destined for Canada and Great Britain. Applications for shipment to Japan not acted upon. Market a shade easier. Spot lots in moderate quantity available at $185. Approximately the same for futures. Inquiry routine.

Quinine.—Nothing further regarding export tax imposition by Netherlands East Indies government. Plentiful stocks here in form of cinchona bark or derived products. Present prices expected to hold. Surcharge subject to change according to shifts in costs caused by war.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	26⅞	34¾	22⅞
Monday	26⅞	34¾	23⅛
Tuesday	26⅞	34¾	23
Wednesday	26⅞	34¾	23⅛
Thursday	26⅞	34¾	23⅛
Friday	26⅞	34¾	23⅛

Sharp & Dohme Forms Canadian Subsidiary

Sharp & Dohme, pharmaceutical manufacturer, Philadelphia, recently established a Canadian company, Sharp & Dohme (Canada), Ltd. The general office and manufacturing laboratories of the new organization are located and in active operation at Toronto.

General manager of the Canadian company is John D. Cash, formerly Minneapolis district salesmanager, who is a graduate of the Creighton University School of Pharmacy and has been with the company since 1929. Sharp & Dohme subsidiaries are also located in London, England; in Cuba and in Mexico, with sales offices in all parts of the world.

Drug and allied trades, members of the Wedgwood Club, in Baltimore, recently held an outing at Tolchester, on the shore of Maryland.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Codliver Oil Process May Increase Output

—Continued from page 5

points, and that production will be rapidly increased so that oil in substantial commercial quantities will soon be available.

The Whitmayer process is a development from the Wentworth process for which Whitmayer Laboratories several months ago acquired United States patent 2,134,163. Canadian patent 378,373, and Newfoundland patent 1,185. The development steps are covered in United States patent applications S/N 343,436 (A&S 3959) and S/N 343,552 (A&S 3971).

The process comprises the use of a vegetable pulp, such as sweet potato pulp or beet pulp, as a dehydrating agent for the codlivers and their subsequent cold pressing to extract the oil. It is claimed to have advantages over the steam process of protecting the vitamin A content of the oil and of furnishing a presscake which has definite feeding values.

Pepsi-Cola Stockholders To Vote on Loft Offer

Wilmington, Aug. 8, 1940

Chancellor Harrington has appointed A. F. Emory as special master in the case of Loft, Inc., against Charles G. Guth, the Grace Co., and the Pepsi-Cola Company, and ordered the master to hold a special meeting of Pepsi-Cola stockholders August 20 to take action on an offer by Loft, Inc., to pay the Pepsi-Cola Company $250,000 in full settlement and satisfaction of all claims to 137,500 shares of Pepsi-Cola stock now held by Loft. A further hearing before Chancellor Harrington was set for September 4, 1940.

Kern Line Oil Company has filed articles of incorporation to do business in Los Angeles here and will carry on a prospecting business for oil, minerals and other objects. The concern has a capital of $100,000.

Obituaries

—Continued from page 29

Robert M. Littlejohn

importers of products of the Far East. Later, when his father acquired the business of the firm, a co-partnership of L. Littlejohn & Co. was formed. This firm subsequently became the present one of Littlejohn & Co., Inc., this city. In recent years, though still dealing in tanning materials and various products of the Far East, the firm has devoted itself chiefly to the importation of crude rubber.

Phillips Rogers

Phillips Rogers, of Rogers & McClellan, manufacturers' agent, Boston, Mass., died of a heart attack August 3. He was sixty-three years of age. Mr. Rogers had been in the chemical business for forty-three years, forming a partnership with George C. McClellan in December, 1919, who had previously been associated with Mr. Rogers for twenty years while they were in the employ of J.A. & W. Bird & Co.

Dr. Martin Szamatolski

Dr. Martin Szamatolski, former factory manager for Givaudan-Delawanna, Inc., aromatic chemicals, this city, died at his farm in Hendersonville, N. C., after a long illness.

Born in Berlin, Germany, Dr. Szamatolski started his technical career as assistant professor at the University of Berlin where he received his degree. In 1893 he came to the United States, working in various chemical and paint concerns concentrating his efforts toward the production of organic colors.

Dr. Szamatolski was credited with originating the pigments known as para red, U. S. toners, and sun red. From 1901 to 1908 he was associated with Harrison Bros. & Co. In 1908 he assumed charged of the Standard Chemical Company, Bayonne, N. J., of which he was president and manager. From 1924 to 1938 he was factory manager for Givaudan-Delawanna, Inc., retiring because of ill health. His outstanding achievements in the aromatic chemical industry were improved processes for the manufacture of terpineol, phenyl ethyl alcohol and artificial musks.

Richard Wilhelm

Richard Wilhelm, sole owner of a glue syndicate and one of the world's leading glue manufacturers, died August 5 in Gowanda, N. Y., after an illness of six months. He was seventy-four years of age.

Mr. Wilhelm came to this country from Germany in 1886 and worked as a salesman for his brother, Henry, a Pittsburgh glue jobber. In 1904, he formed the Eastern Tanners Glue Company, Gowanda, which later became the Peter Cooper Corporations. The syndicate expanded steadily and in 1930 it absorbed the United States Glue Company, the United States Gelatin Company and the American Glue Company.

Charles Burr Andrews, a founder and former-secretary-treasurer of the Brooklyn Varnish Manufacturing Company, died recently. He was seventy-seven years of age.

Francis J. Donnelly, a salesman for the Clinton Metallic Paint Company, Clinton, N. Y., died in a hospital in Philadelphia July 30 following an operation.

E. W. Elwick, for some years Kansas representative for the Seidlitz Paint & Varnish Company, Kansas City, Mo., died recently of a heart ailment. Surviving is his wife.

F. Huttig, president of the Huttig Lead & Zinc Company, Kansas City, died recently. He was sixty-eight years of age.

William R. Jackson, for thirty-seven years a salesman for the Bristol-Myers Company, pharmaceutical manufacturer, this city, and a past officer of the Pharmaceutical Association of the State of New York, died in Garden City, L. I., August 5. He was sixty-seven years old.

Thomas J. McGrath, a pioneer in the oil industry, died recently in Olean, N. Y., and was buried August 5. Mr. McGrath was retired by the Standard Oil Company of New York in 1929 after forty-nine years of service. He was eighty-one years of age.

Walter E. Miles, chief chemist for the American Potash Products Association during the World War and formerly affiliated with E. I. duPont de Nemours & Co., Wilmington, died in his home in Atlantic City, August 5. He was fifty-eight years of age.

Eugene Z. Montgomery, technician for the Shell Oil Company, died July 30 in his home in Los Angeles. He was sixty years old.

Russell Palmer, publisher of a group of oil trade papers, died August 8 in La Jolla, Calif. He was fifty years old. Mr. Palmer was publisher of the *Petroleum World* in Los Angeles, *World Petroleum* in New York, *Petroleum Times* in London and other trade journals.

J. Louis Steinheuer, secretary-treasurer of L. T. Piver, Inc., perfume dealer, this city, died August 2 in New Rochelle, N. Y., after a long illness.

John B. Wallace, superintendent of the Union Gasoline & Oil Company, Wheeling, W. Va., died August 7 after a short illness. He was sixty-nine years old.

Claude A. Webb, former sales executive of the Universal Atlas Cement Company and recently Chicago sales representative of the Wolverine Cement Company, died August 4 of injuries received in a motor accident near Madison, Wis. He was fifty-two years old.

Crown Drug Company, Kansas City, July sales amounted to $691,912, against $681,906 in the same month a year ago.

Botanical Drugs, Spices, and Gums

European Botanicals May Reach Here Through Greek and Portuguese Ports—Two Schemes Reported—Goods Already Quoted FAS Shipment Point—Buyers Take All Risks

Botanical drug price changes last week were far more numerous than they had been during recent periods. The changes were closely divided between advances and declines but the trend was upward so far as concerned items of major importance in the market.

Another development, possibly more important than immediate price changes, was the arrangement of a shipping route for southeastern European merchandise needed in the United States. The arrangement calls for transport of Hungarian, Yugoslavian, and products of other nations in the general Balkan area to Greek ports, such as Salonika, Piraeus, etc. At Greek ports, the merchandise may be loaded on ships and brought to the United States. Two ships left New York bound for Greece last week.

This program, added to the possibility of shipping by rail across Europe to Portuguese ports still open to United States freighters, may provide the means of getting European botanicals to this country. Substantial financial risk is involved in either scheme. The European shippers quote only as shipping point. They require irrevokable letters of credit in the transaction. Therefore, all risk is assumed by the American importer and it remains to be seen if programs are feasible and if American botanical dealers will assume the very real risk involved.

Balsams

Peru.—Steady. In jobbing request. Prices maintained.

Tolu. — Firm. Hard to replace. Costs high at source. Moderate Call.

Barks

Black Haw.—Root bark higher at 27c. to 29c. per pound. Tree unchanged.

Cinchona.—Broken bark lower at 21c. to 23c. per pound for either red or yellow.

Cociliana.—Easier. Lower. Market 28c. to 30c. per pound.

Cottonroot.—Reduced to 10c. to 11c. per pound. Little call.

Elm. — Powder cheaper at 19c. to 20c. per pound. Grinding and select bark hold unchanged.

Prickly Ash.—Collections coming in. Price down to 12c. to 13c. per pound.

Beans

St. Ignatius.—Dull. Moderate stock. No price change.

Vanilla. — Demand maintained at recent rise. Prices strong. Stocks conservative. Replacement cost high in all markets. Little local competition.

Berries

Juniper.—Ordinary berries up to 26c. to 28c. per pound. Handpicked very firm. Sellers greatly reserved. Further imports doubtful.

Prickly Ash.—Shaded to 28c. to 30c.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1940, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	553	2,610
Belladonna	69	305
Caraway	1,354	11,838
Cardamom (cases)	...	1,326
Celery	...	3,456
Coriander	2,486	16,637
Cumin	...	3,574
Digitalis leaves (cases)	1	1
Dill	...	199
Fennel	485	1,016
Henbane leaves (bales)	262	270
Mustard	2,800	4,232
Poppy	550	28,183
Sage leaves (bales)	...	249
Sesame	2,917	8,878
Stramonium	121	8,049
Thyme	...	1,353

Price Changes

Advanced

Angelica root, 5c. per lb.
Anise, Bulgarian, ½c. per lb.
Areca nuts, powdered, ½c. per lb.
Belladonna leaves, 5c. per lb.
roots, 3c. per lb.
Black haw, root bark, 2c. per lb.
Boneset leaves, ½c. per lb.
Caraway seed, Dutch, 2½c. per lb.
Cassia, China rolls, select broken, ¼c. per lb.
Clove, Amboyna, ½c. per lb.
Dandelion root, 5c. per lb.
Fenugreek seed, ¾c. per lb.
Fleaseed, French, 2c. per lb.
Gold of pleasure seed, ¼c. per lb.
Grains of Paradise, 3c. per lb.
Iceland moss, 7c. per lb.
Juniper berries, ordinary, 1c. per lb.
Lavendar flowers, select, 5c. per lb.
medium, 5c. per lb.
Liverwort leaves, 5c. per lb.
Melva flowers, black, 10c. per lb.
blue, 10c. per lb.
leaves, 3c. per lb.
Marjoram, French, 1c. per lb.
Mustard seeds, yellow, California, ¾c. per lb.
Chinese, ½c. per lb.
Danish, ½c. per lb.
Roumanian, ½c. per lb.
Pepper, black, Lampong, ¼c. per lb.
Peppermint leaves, domestic, 5c. per lb.
Poppy seed, Dutch, 1c. per lb.
Turkish, ½c. per lb.
Queen of the meadow herb, ½c. per lb.
Raspberries, dried, 5c. per lb.
Tarragon herb, 5c. per lb.
Thyme, 8½c. per lb.
Valerian root, 5c. per lb.
Wormwood herb, 5c. per lb.

Reduced

Cassia, Batavia, No. 1, thin quill, 1¼c. per lb.
No. 1 regular, ¼c. per lb.
Celery seed, Indian, ½c. per lb.
Cinchona bark, broken, 2c. per lb.
Cinnamon, No. 2, ¼c. per lb.
No. 3, ¼c. per lb.
Clover, domestic, 2c. per lb.
Cociliana bark, 2c. per lb.
Condurango bark, 1c. per lb.
Cottonroot bark, 1c. per lb.
Deertongue leaves, 2c. per lb.
Dill seed, 1c. per lb.
Elm bark, powdered, 1c. per lb.
Euphorbia herb, 1c. per lb.
Fleaseed, Indian, 1c. per lb.
Ginger root, African, ½c. per lb.
Kamala, 2c. per lb.
Laurel leaves, Turkish, 1c. per lb.
Linden flowers, with leaves, 3c. per lb.
Lobelia herb, 1c. per lb.
Matico leaves, 3c. per lb.
Nutmegs, West Indian, ¼c. per lb.
East Indian, 110's, ¼c. per lb.
Poppy flowers, red, 10c. per lb.
Prickly ash bark, 3c. per lb.
berries, 2c. per lb.
Rose flowers, pale, 5c. per lb.
Saffron, Mexican, 5c. per lb.
Savory, 1½c. per lb.
Senega root, 3c. per lb.
Serpentaria, 5c. per lb.
Spikenard root, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
201.1	203.3	207.3	125.8

Market news that may have developed after this report was sent to press will be found on page 4.

per pound as new stocks reach distributors.

Raspberries.—Dried berries up to

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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60c. to 65c. per pound. Little new crop weakness this year.

Flowers

Clover.—Domestic lower at 33c. to 35c. per pound. Stocks increasing. Very little foreign material held here.

Lavender.—Higher. Select, 65c. to 70c. per pound; medium, 55c. to 60c.

Linden.—All prices higher at 70c. to 95c. per pound, quoted as to seller. Stocks shrinking steadily.

Poppy.—Inactive. Lower at 75c. to 80c. per pound.

Rose.—Pale flowers down to 50c. to 60c. per pound.

Saffron.—Mexican lower at 35c. to 40c. per pound. Spanish unchanged.

Gums

Arabic.—Italian attack on Egypt makes further shipments from source doubtful. Attack calculated to take Egyptian Sudan. Market holds here.

Benzoin.—Quiet. Fair stocks. Replacement possible but slow.

Camphor.—High volume of business passing in domestic synthetic. Difficult to buy save in far distant positions. Continued expansion of consumption cutting down on use of Japanese item. Interesting comparative import figures follow:—

	Pounds	
	1939.	1933.
Natural, crude.....	1,156,882	1,989,288
refined	818,055	1,630,166
synthetic	527,922	879,528

Herbs and Leaves

Belladonna.—Higher at 70c. to 75c. per pound. Small stocks.

Boneset. — Fractional advance to 8½c. to 9c. per pound.

Deer Tongue.—New crop arriving. Price down to 12c. to 14c. per pound.

Euphrorbia.—Slightly lower at 10c. to 11c. per pound.

Laurel.—Turkish shaded to 8½c. to 9c. per pound No Greek offered.

Liverwort.—Higher at 55c. to 60c. per pound. Scarcer.

Lobelia.—New crop shaded spot price to 12c. to 13c. per pound.

Malva.—Higher at 27c. to 40c. per pound as stocks shrink and are replaced.

Marjoram.—French item up to 29c. to 30c. per pound. Chilean at 17c. to 17½c. per pound gets most demand.

Matico.—Shaded to 22c. to 25c. per pound. Competition.

Peppermint. — Domestic advanced to 45c. to 50c. per pound. Very little German leaves available at nominal prices.

Pulsatilla.—Priced at 75c. to 80c. per pound. Limited stocks.

Queen of the Meadow.—Fractionally higher at 7½c. to 8c. per pound.

Rosemary.—Slightly lower at 9c. to 10c. per pound under competition.

Savory.—Limited call. Stocks moderate. Competition brings price down to 28c. to 30c. per pound.

Tarragon.—Higher at 65c. to 70c. per pound. Stocks at low ebb.

Thyme. — Limited supply prices higher at 29c. to 30c. per pound. Virtually nominal position.

Wormwood.—Higher and scarce. Market 23c. to 25c. per pound.

Miscellaneous

Areca Nuts.—Market shaded to 12c. to 13c. per pound for powder.

Ergot.—Possible to buy distant futures at comparatively low price. Foreign shippers assume no responsibility, quoting f.a.s. Lisbon. No certainty of goods ever arriving. Spot easier but lacking further change.

Iceland Moss.—Higher at 23c. to 27c. per pound. Strong. Light stocks.

Kamala.—Competition shades the market to 33c. to 35c. per pound.

Roots

Aconite.—Sold at 45c. to 50c. per pound. Firm.

Angelica.—Domestic more active. Advanced to 30c. to 32c. per pound. Trade in foreign at standstill.

Belladonna.—Higher and scarcer at 78c. to 80c. per pound.

Dandelion.—Foreign item in dwindling supply. Price up to 55c. to 60c. per pound.

Golden Seal.—Undertone easy as competition presses. Few consuming outlets. No foreign interest shown.

Rhubarb.—Market holding. Some report higher prices.

Senega.—Decline extended to 52c. to 53c. per pound. Future of prices depends on export trade.

Serpentaria.—Lower at 70c. to 75c. per pound as stocks gain on new arrivals.

Spikenard.—Shaded to 18c. to 20c. per pound. Competition.

Valerian.—Higher at 80c. to 85c. per pound for Belgian item. Little chance to get any new crop root.

Seeds

Anise.—Bulgarian seed advanced to 14c. to 15c. per pound.

Caraway.—Russian offered at 21c. to 22c. per pound. Dutch up sharply to 22c. to 23c. per pound. Stocks small. Speculation enters.

Celery.—Indian lowered to 16c. to 17c. per pound in dull market.

Dill. — More competition. Market shaded to 12c. to 13c. per pound.

Fenugreek.—Higher at 4½c. to 5c. per pound. Primary market cut off.

Flea.—French higher at 32c. to 35c. per pound. Nothing coming forward. Indian seed shaded to 9c. to 10c. per pound.

Gold of Pleasure. — Fractionally higher at 14½c. to 15c. per pound.

Mustard. — Foreign items in continuously increasing supply. California crop disappointing. Montana not too good. Yellow California, higher at 13c. to 13½c. per pound. Dutch yellow, 15c. to 15½c. Rou-

—Continued on page 46

OIL of DILL WEED

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Essential Oils, Aromatic Chemicals

Citrous Oils Moving Normally Under Seasonal Request —Some Chance for European Oils Moving Here Through Greek or Portuguese Ports—Most Demand Light

Price activity in essential oils and aromatic chemicals was inconsequential and inconspicious last week. While there may have been some shading of quoted values when transactions at private terms were negotiated, for the most part the general structure of prices remained steady to firm and free from open changes.

Progress with production of domestic oils was satisfactory. However, dealers expect that curtailment of export possibilities may make even a normal output of oils appear excessive and, consequently, bring lower prices. Price trend remains to be developed.

Citrous oils moved very well. Plentiful supplies of orange were available. Domestic production of lemon has met requirements thus far and the stability of prices is a tribute to the sound policy governing the program of the home makers.

Two schemes for shipping European oils to this market have developed. Steamer connection between the United States and Greek ports has been established; two ships out of New York are afloat now to Greek shipping ports. European oils that can be transported to the Greek ports of Piraeus or Salonika stand a chance of being transhipped to this country. The other route is by rail to Portuguese ports at which American ships can still call. The extent, if any, of American use of these facilities remains to be developed. All risk would probably be assured by buyers here. Foreign sellers usually quote f.a.s. shipping port and require an unrevokable letter of credit.

Price Changes

Advanced

None

Reduced

Cubeb, 25c. per lb.
Rosemary, Spanish, 3c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
128.2	128.2	127.6	70.4

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber.—Routine activity reported. Mainly jobbing transactions. Prices steady. Little competition.

Anise. — Firm to firmer. Prices strengthened. Situation worse in primary market. Japan control of French Indo-China increasing.

Apricot.—Firm prices. Demand better than usual. Prices well maintained. Market clear of competition.

Bergamot. — Strong situation in both artificial and natural material. Stocks of natural small. No replacement after exhaustion.

Birchtar.—Demand ordinarily active. Consists usually of small orders. Prices fully firm. Replacement doubtful.

Bois De Rose.—Very firm markets, spot and primary sources. Demand moderate but well sustained. Prices steady. Little competition.

Cajeput. — Jobbing business builds fair volume. Prices and market generally steady.

Camphor.—Fully steady. No exceptional demand. Stocks moderate. Replacement market very firm.

Canaga. — Replacement slow and difficult. Prices firm. Not much local trading.

Caraway.—Stocks very small. Primary market cut off. Substitutes to receive increasing attention.

Cassia.—Firm prices. Moderate demand. Strength issues mainly from Japanese pressure on shipment port of Britsh owned Hong Kong.

Citronella.—Weak. Keener competition. Prices fairly soft. No further reduction in open quotations. Primary markets have lost most world markets. United States leading customer.

Clove.—Competition fairly active. Prices lack further decline. Have reasonably easy undertone. Demand fair to normal.

Cubeb.—Lower at $2.25 to $3.50 per pound under competition.

Eucalyptus.—Very firm. Immediate demand not large. Interest in futures indicates active season ahead.

Grapefruit.—Price highly stabilized. Interest in item gains steadily. Future considered encouraging.

Ginger.—Raw material weaker and lower. No change in oil prices. Demand jobbing. Fair stocks. No shortage likely.

Lavender.—Prices strong. French markets cut off. Synthetic equivalents likely to find increasing favor. Natural oil stocks not being replaced. May become exhausted.

Lemon.—Very firm market. Domestic oil moves well. No contracts being written. Prompt delivery demand excellent. Little trade in Italian item.

Lemongrass. — Quiet. Undertones easy. Stocks ample. Replacement offerings sufficient. Transport slow from source.

Lime.—Seasonal activity excellent. Prices very firm. No signs of weakness in nearby future.

Orange.—Very steady market. Offerings ample. Many varieties of oil available. Domestic oil moving well. Activity seasonal.

Peppermint.—Exports in first half 1940 reached 194,000 pounds, comparing with 167,600 pounds in corresponding period, 1939. Undertones of market easier. New crop influences sellers' views. Many expect low prices this year. Market already reasonable. Little call.

Rosemary.—Lower. Drums, 59c. to 61c. per pound; cans, 64c. to 66c. Competition more active. Not much call. Spain in war as German partner might end all exports.

Sassafras.—Good demand. Not too plentiful stocks. Prices firm. Absence of competition conspicuous.

Spearmint.—Steady prices. New crop influence still to be developed. Demand light.

Aromatic Chemicals

Cinnamic Aldehyde.—Quiet. Jobbing requirements keep volume moderate. Quotations fully steady.

Citral.—Moderate activity keeping prices steady. Limited competition.

Citronellal.—Offerings ample. Absorption by consumers moderate. Quotations steady to firm.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Citronellol.—Some gain in competition. Prices holding well. Reserves ample.

Citronellyl Acetate.—Jobbing business very good. Quotations lacking change or sign of early alteration.

Citronellyl Butyrate.—More inquiry. Little gain in sales. Generally steady prices. Fair offerings.

Coumarin.—Very firm prices. Production cost sustained by price of raw material. Demand steady at normal volume.

Diethyl Phthalate.—Inquiry gains some. Improvement moderate. Fair sales volume at firm prices.

Dimethyl Hydroquinone.—Sales lagging. Quantities needed usually small. No weakening of price structure.

Diphenyl Methane.—Movement at normal levels. Firm prices in absence of important competition. Fair reserves on hand.

Diphenyl Oxide. — Firm. Price stable. No excessive competition. Movement very good.

Ethyl Cinnamate.—Undertones turn firmer. More sustained selling of slightly larger quantities. Prices show strength.

Ethyl Phenylacetate.—Quiet trade. Immediate needs being covered. Distant futures not considered. Steady prices.

Ethyl Vanillin.—Firm. Moving well. Volume up to recent levels. Situation normal.

Eucalyptol. — Moderate activity. Very firm prices relate to strength and cost of raw material. Outlook good for future trade.

Eugenol.—Slightly easier but without price change. Raw material lower. Fair request.

Geraniol.—Deliveries prompt. Volume of new business fair. Reserves ample. Steady prices.

Geranyl Acetate.—Good, steady jobbing demand. Steady undertones. Firm prices.

Geranyl Formate.—Activity routine. Buyers cover goods as needed. Steady undertones and prices.

Geranyl Phenylacetate. — Limited movement. Confined to actual re-

quirements. Withdrawals leave fair stocks in reserve.

Geranyl Propionate.—Demand hand-to-mouth. Total sales conservative. Sellers report well maintained prices.

Heliotropine.—Selling steadily at full prices. Needs being supplied promptly. Very steady situation.

Hydroxycitronellal.—Selling freely at firm prices. Absence of much competition. Fair stocks in reserve. Limited competition.

Isobornyl Acetate.—Quiet market. Demand jobbing. No surplus of stocks. Very steady prices.

Isobutyl Acetate.—Improvement in jobbing sales. Quotations lack change or signs of early activity.

Isoeugenol.—Steady to firmer. Jobbing sales gain moderately. Very firm situation.

Isosafrol.—No surplus of stocks. Prices steady to strong. Fair request.

T.G.A. Plans Raw Material Standards

—Continued from page 3

The committee has already determined the criteria on the basis of which "T. G. A. Standards" for these materials will eventually be established. In general these criteria are color, odor, melting point, solubility, apparent density, particle size, viscosity, specific gravity and other well-known chemical criteria, as well as freedom from undesirable impurities.

Members of the committee are:—

A. B. Pacini, of Affiliated Products, Inc.; W. V. A. Clark, of Allied Products, Inc.; D. L. Couch, of the Elizabeth Arden Sales Corporation; J. Bartholomew, of Bourjois, Inc.; H. Gregory Thomas, of Chanel, Inc.; H. D. Goulden, of Jacqueline Cochran Cosmetics; R. F. Heald, of the Colgate-Palmolive-Peet Company; J. R. Martin, of Coty, Inc.; F. J. Austin, of the Hudnut Sales Company; W. Langer, of the Dr. Langer Company; H. C. Balsley, of Merle Norman Companies; H. Coutinho, of Pinaud, Inc.; J. H. Hall, of the Pond's Extract Company; J. M. Jaffin, Vadso Sales Corporation.

Drug Chain Sales Up

Chain drug store sales during June rose about 3 percent from the May level on a daily average basis and recorded a like percentage gain as compared with June of last year, according to the Department of Commerce. Independent drug store sales during June were about one percent above May, on a daily average basis, and were about 4 percent larger than in June, 1939, as indicated by reports to the Bureau of the Census. The cost value of inventories held by chain drug stores at the end of June was about the same as a month earlier, but was 2 percent larger than in June, 1939.

Agar & Chemical Co. Formed

American Agar & Chemical Company, with a capital of $100,000, has been incorporated in San Diego county, Calif. Directors are: L. K. Small, of San Diego; S. H. Corfield, of National City, Calif.; and E. W. Shipman, of Los Angeles. The new corporation is represented by Benjamin W. Shipman, 511 Pacific Mutual building, Los Angeles.

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Manufacturers of Aromatic Chemicals, Natural Derivatives, Perfume Oils, Artificial Flower and Flavor Oils

STOCKS IN PRINCIPAL CITIES

Botanical Drugs

Seeds

—Continued from page 44

manian yellow, 12c. to 12½c. All higher.

Poppy.—Dutch higher at 20½c. to 21c. per pound; Turkish, 17c. to 17½c.

Spices

Cassia.—Batavia lower. No. 1, thin quill, 17¼c. to 17¾c. per pound; No. 1 regular, 16c. to 16½c. Broken, 12¼c. to 12½c. China, extra select, broken, 9½c. to 10c.

Cinnamon.—Lower fractionally. No. 2, 16¾c. to 17¼c. per pound; No. 3, 16¼c. to 16¾c.

Ginger.—African down to 6c. to 6½c. per pound. No other changes.

Nutmegs.—West Indian weak. No markets save United States. Price here down to 8¼c. to 8¾c. per pound.

Paprika. — Feature was offering from Algeria, priced at 31c. to 32c. per pound, comparing with Portuguese at 33c. to 34c. Hungarian, 40c. to 41c., and Spanish, at 38c. to 39c.

Pepper.—Lampong black higher at 3¾c. to 4c. per pound. Improvement local. White and red peppers lack development.

Trading in black pepper futures on the New York Produce Exchange from August 5 to August 9, inclusive, comprised 46 contracts, a total of 1,545,600 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	3.60	3.58	3.63@3.69
March	3.75	3.62	3.70@3.77
May	3.82	3.80	3.80@3.82
July	3.90	3.84	3.85@3.88
September	3.52	3.33	3.46@3.55

Glyco Translates Manuals For Latin American Use

Spanish editions of "Chemicals by Glyco" and the "Glyco Cosmetic Manual" have been published in response to many requests from latin American countries. The catalogs describe glycol and glyceryl esters, emulsifying agents, special emulsions, flameproofing, synthetic waxes, synthetic resins, and other chemical specialties. Formulas and methods of manufacture of numerous types of products are also contained in the volumes, as are useful tables of melting points, acidity, and basicity. Full information on the works may be obtained by addressing the Glyco Products Company, 148 Lafayette street, New York, mentioning the REPORTER.

McK.&R. Profits Up

A net profit of $2,058,939 is reported for McKesson & Robbins, Inc., and consolidated subsidiaries for the first half of 1940 by William J. Wardall, trustee, after providing for income taxes, reorganization expenses paid by the trustee and recoveries made by him. The report is unaudited. This compares with $1,502,326 for the 1939 period. No provision is made in either return for interest or amortization of discount on the twenty-year 5½ percent convertible debentures.

Petroleum Motor Carrier Rates Probe Is Ordered

OPD Washington Bureau
August 6, 1940

The Interstate Commerce Commission today ordered an investigation into minimum motor carrier charges for petroleum and petroleum products moving from points in Kansas to destinations in Iowa and South Dakota.

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Paper

Plasticizers for Cellulosic Coatings for Paper or Pulp Articles

(Continued from August 5 issue)

Paratoluene cresylulphonate
Paratoluenesulphocresol
Paratoluenesulphodiethylamide
Paratoluenesulphoethylamide
Paratoluenesulphoethylanilide
Paratoluenesulphoacetanilide
Paratoluenesulphoacetethylanilide
Paratoluenesulphonamide
Paratoluenesulphonamide ethylether
Paratoluenesulphonamidoacetic acid
Paratoluenesulphonanilide
Paratoluenesulphonic acid cresylester
Paratoluenesulphonic acid ethylester
Pentacetyllevulose hexacetate
Pentacetyllevulose monoacetate
Pentacetyllevulose octacetate
Pentacetyllvulose tetracetate
Pentaerythritol acetate
Pentaerythritol benzoate
Pentaerythritol bischloroacetate
Pentaerythritol formate
Pentaerythritol maleate
Pentaerythritol nitrate
Pentaerythritol oxalate
Pentaerythritol phthalate
Pentaerythritol succinate
Phenanthrene
Phenol compounds
Phenoxyethyl phthalate
Phenyl acetylsalicylate
Phenyl benzoate
Phenyl carbonate
Phenyl citrate
Phenyl diethylphosphate
Phenyl formate
Phenyl glycide
Phenyl maleate
Phenyl paratoluenesulphonate
Phenyl phosphate
Phenyl phthalate
Phenyl propionate
Phenyl salicylate
Phenyl tartrate
Phenyl thiophosphate
Phenylacetamide
Phenylaceto-2-naphthalide
Phenylalkyl esters of phosphoric acid
Phenylanilide
Phenylanilide phosphate
Phenylbenzyl ether
Phenylcarbamide
Phenylethyl alcohol
Phenylmethylcarbamide
Phenylparatoluenesulphoethylanilide
Phenyl-phosphoric esters
Phenyl-phosphoric diethylester
Phenyl-phosphoric dimethylanilide
Phenyl-phosphoric dinaphthylanilide
Phenyl-phosphoric diphenylanilide
Phenyl-phosphoric diphenylester
Phenylurea
Phenylurethane
Phosphoric acid esters of cresols
Phosphoric acid esters of phenol
Phthalic acid ester of aliphatic alcohols
Phthalic acid ester of 2-butyloctanol
Plasticizer PA, PM, REA
Plastoflex
Plastoform
Plastol
Plastolin
Plastomoll
Polyalkylamides of organic acids
Polycarboxylic acid esters of di-2-ethyl butylphthalate
Polycarboxylic acid esters of 2-ethyl acetate
Polycarboxylic acid esters of 2-ethyl-butanol-1
Polychloroamidins
Prolamin
Propionic acid phenolic esters
Propyl acetylsalicylate
Propyl alphacrotonate
Propyl carbamate
Propyl carbanilate
Propyl carbonate
Propyl mandelate
Propyl oleate
Propyl oxalate
Propyl oxamate
Propyl palmitate
Propyleneglycol monoformate
Proteids
Pulegone
Pyrocatechol diethylether
Pyrocatechuic aldehyde
Pyrogallic acid
Quinone
Rapeseed oil
Resorcinol
Resorcinol diacetate
Rezyl balsam 33
Ricinoleic acid amides
Ricol
Saccharose heptacetate
Saccharose monoacetate
Saccharose octacetate
Saccharose tetracetate
Salipyrin
Salol
Santalol ethoxyacetate
Santalol ethoxychloroacetate
Santalol methoxyacetate
Santalol methoxychloroacetate
Santacizer 8,9,E-15,B-16, 3, and M-17
Sextol stearate
Sipalin AOM and MOM
Sodium-trichloroethylamidin
Sorbitol acetate
Sorbitol benzoate
Sorbitol formate
Sorbitol hexachloroacetate
Sorbitol maleate
Sorbitol oxalate
Sorbitol phthalate
Sorbitol succinate
Succinic acid esters of 2-butyloctanol
Sulphobenzide
Sulphocarbanilide
Sulphonal
Sulphoamides
Sulphonamideoethyl ester
Terpine
Terpinene
Terpineol
Terpineol formate
Terpinyl acetate
Terpinyl propionate
Tertiary alcohols
Tetracetyllactose heptacetate
Tetracetyllactose octacetate
Tetracetyllactose tetracetate
Tetraethylglycol
Tetrahydrofurfuryl-terpinene maleate
Tetrahydromethylpropylbenzene
Tetralin
Tetramethylnaphthalene
Tetraphenylurea
Tetra-substituted urea
Toluene benzylnitrochloride
Toluene bromide
Toluene chloride
Toluene nitrobromide
Toluene nitrochloride
Tolyldimethylpyrazolon
Tolypyrin
Tolypyrin salicylate
Tolysal
Triacetin
Tributyl citrate
Trichloroethyl phosphate
Trichloroethylamidin
Trichloro-tertiary-butyl-lactate
Trichloro-tertiary-butyl phthalate
Trichloro-tertiary-butyl succinate
Tricresyl phosphate
Tricresyl thiophosphate
Tridimethylcyclohexyl-carboxylic acid
Triethanolamine
Triethyl citrate
Trihydroxybenzene
Trimethyl phosphate
Trimethylnaphthalene
Trimethylurea
Trinitroanisol
Triphenyl phosphate
Triphenyl thiophosphate
Tri-1:3:5-xylenol phosphate
Trixylenol phosphate
Trixylenol thiophosphate
Urea
Urea acetate
Urea benzoate
Urea butyrate
Urea formate
Urea naphthoate
Urea nitrate
Urea oxalate
Urea propionate
Urea salicylate
Urea sulphate
Urea valerate
Urethanes
Urethanes, substituted
Veratrol
Vetivenol
Vetivenol acetate
Vinyl acetate
Vinyl chloroacetate
Xylamide
Xylene benzylnitrochloride
Xylene bromide
Xylene chloride
Xylene nitrobromide
Xylene nitrochloride
Xylyl compounds

Precipitator of Aluminium Phosphate in Sizing Processes

Aluminum phosphate-sulphates

Preservatives for Paper and Pulp

Alum
Acetic acid
Aseptex
Ammonium fluoride
Ammonium fluosulphonate
Ammonium sulphate
Anilin
Boric acid
Borax
Copper sulphate
Cresol
Cupric chloride
Dowicide
Fluosulphonic acid
Fluosulphonates
Furfural
Furoic acid

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Refined Petroleum Products Show Little Change—Most Materials Move in Routine Fashion — Further Weakness in Gasoline Reported — Texas Again Cuts August Allowables

Little change in the market status of refined petroleum products was reported in all sections last week. Takings of petroleum thinners and v.m.& p. naphtha by the paint industry were small in volume. Rubber solvent was in better demand. White mineral oils were moving well and business in petrolatums was routine and normal. Paraffin showed no change.

Concrete evidence of the weakness of the gasoline market was seen when one company reduced the tankcar price at primary centers in New England. Heavy motor fuel consumption was reported in all sections, but no favorable price reactions were reported. Lubricants remained easy. Light fuel oils were in good call but heating oil was sluggish.

Following a state-wide proration hearing, the Texas Railroad Commission last week ordered two additional shutdown days in August. This will result in a net reduction of 75,000 barrels in the daily average output from the present 1,645,450-barrel daily figure fixed originally by the commission when it recently cut August allowables drastically.

Solvents and Diluents

Aromatic Naphthas.—Business routine and prices steady.

Cleaners' Naphtha. — Conservative buying reported. Shipments regular but small. Price firm and unchanged.

Lacquer Diluent.—Buying interest lagged. Orders for small quantities only. Firm price prevailed.

Petroleum Thinners.—Small supplies going to paint manufacturers. Consumers buying for immediate needs only. Prices firm.

Rubber Solvent. — Inquiry better. Demand at same level. Price steady.

Stoddard Solvent.—Fair movement to cleaning trade. Spot demand light. Price firm and unchanged.

V. M. & P. Naphtha.—Little interest in offerings. Price firm.

Markets at Other Centers

Chicago—August 8

Inquiry is a little better for some of the petroleum solvents and diluents, although the market as a whole is little changed in a price way. Paint industry material has been taken fairly well of late. Ruling prices in tankcar lots f.o.b. Group 3 Oklahoma are: — Blending naphtha, 4c. to 4¼c. per gallon; cleaners' naphtha, 6½c. to 6¾c.; petroleum spirits, 5½c. to 5¾c.; rubber solvent, 6½c. to 6¾c.; lacquer diluent, 7c. to 7¼c.; Stoddard solvent, 6¼c. to 6½c.; V.M. & P. naphtha, 6½c. to 6¾c.

New Orleans—August 8

Demand routine and prices firm as follows:—

CLEANING SOLVENT.—Boiling range 225/350, gravity 53, 6¾c. delivered New Orleans in tankcars.

V.M.P. NAPHTHA.—Boiling range 175/425, gravity 48, 6½c. delivered New Orleans in tankcars.

Tulsa—August 8

Demand from tire manufacturers remains at a high level and rubber solvent is in good movement. This solvent, v.m. & p. and cleaner's naphtha are 6½c. to 6¾c. per gallon. Other prices are:—Stoddard solvent, 6¼c. to 6½c. per gallon; lacquer diluent, 7c. to 7¼c.; petroleum spirits, 5½c. to 5¾c. and blending naphtha, 6c.

Price Changes

Advanced

None

Reduced

Gasoline, tankcar, 3/10c. per gal., basis Portland, Boston and Providence.

Market news that may have developed after this report was sent to press will be found on page 4.

Lighter Fractions

Butane. — Normal movement of stocks. Spot demand off. Price steady and unchanged.

Heptane.—Little of new interest. Market quiet. Price firm.

Hexane.—Conservative buying reported. Price unchanged.

Octanes.—Seasonal movement. No price changes.

Pentanes. — Demand light. Shipments small and irregular. Price firm and unchanged.

Propane.—Buying interest at satisfactory level. Shipments regular and fair-sized volume. Price well maintained.

Petrolatums and Waxes

White Mineral Oils.—Market less active. Buyers interested in moderate quantities of domestic material. Prices firm and unchanged. Russian oil unavailable and prices withdrawn.

Petrolatums.—Routine business reported. Consumers buying to cover for immediate needs only. Prices steady.

Paraffin.—Crude scale material in small demand. Prices firm. Refined grades moving well.

Chicago—August 8

Refined petroleum wax is reported holding up well, although orders are less active than they have been in the past. Buyers seem to have plenty of material available at this time. Ruling prices are:—122-124, 5.6c. to 5.65c. per pound; 125-127, 5.6c. to 5.65c.; 127-129, 5.85c. to 5.9c.; 130-132, 6.15c. to 6.2c.; 132-134, 6.4c. to 6.45c.

Tulsa—August 8

Crude scale material is unchanged at 3½c. to 3¾c. per pound for the 124-126 material.

Fuels and Lubricants

Gasoline.—Market devoid of new features. Consumption still very heavy. Prices easy. Tankcar fuel reduced 3/10c. per gallon at Portland, Boston and Providence.

Kerosene.—Market routine. Prices firm and unchanged.

Fuel and Gas Oils.—Grade C bunker fuel oil unchanged, with spot demand not of great proportions. Domestic heating oils were in sluggish call. Light fuel oils were moving well and prices were firm and unchanged.

Lubricating Oils. — Pennsylvania bright stocks and neutrals attracted good buying interest during the week but prices failed to respond to the increased activity.

Tankwagon Price Changes

Socony-Vacuum Oil Company reduced gasoline in New York City from 7½c. per

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1940	1939
Commercial crude oil production	805,752,000	760,597,198
	Week ended Aug. 10, 1940	Week ended Aug. 11, 1939
Daily average production	3,481,405	3,778,802
Bureau of Mines estimate	3,657,600	3,521,900
	Week ended Aug. 3, 1940	Week ended July 27, 1940
Estimated motor fuel stocks	89,492,000	90,173,000
Estimated finished motor fuel stocks	82,669,000	83,203,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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National Petroleum, Sept. 18-20, Atlantic City.

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gallon, exclusive of taxes, to 7.20c. Tankwagon consumers' price was lowered from 6.70c. to 6½c.

Markets at Other Centers

Chicago—August 8

Refinery gasoline shows a better tone, with the tightening of crude. Demand holding at a seasonally high point. The kerosene and tractor fuel business is good, but light heating oils have turned weak and are easing off. Heavy fuel oils are in good call from large consumers. The lubricating oil market is just about holding.

GASOLINE.—High octane motor, regular, 4⅝c. to 4⅞c.; middle octane motor, 4¼c. to 4½c.; low octane motor, 3⅞c. to 4⅛c.; 60-62, 400, 3⅞c. to 4⅛c.; 64-66, 375, 4⅛c. to 4¼c.; 68-70, 360, 4¼c. to 4½c.

KEROSENE.—42-44, water white, 4c. to 4¼c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3½c. to 3¾c. per gallon; No. 1 white, 3⅜c. to 3⅝c.; No. 1 straw, 3⅜c. to 3½c.; No. 2 straw, 3¼c. to 3½c.; No. 2 dark, 3½c. to 3⅜c.; No. 3, 3⅛c. to 3¼c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 75c. to 80c.; No. 6, 60c. to 70c.

New Orleans—August 8

The domestic market remained steady during the past week with no changes in listed prices. U. S. Motor gasoline was at 5¼c.; 63-67 octane at 5½c., and 70-72 octane at 6c.—prices being on per gallon basis at refinery. Kerosene was unchanged at 7½c. per gallon at refinery. Bunker C fuel oil was at 80c. per barrel at terminal and 85c. delivered alongside, while industrial plants were quoted at $1.46, delivered alongside.

Tulsa—August 8

Steady offerings of gasoline on the tankcar market are still a disturbing element. The large inventories of motor fuel are exercising a restraining influence on whatever improvements occur. There is one feature of prominence this week that refiners hope may mean a market improvement—the decline in crude production of Illinois which during the past few weeks has lowered output some 140,000 barrels. If refiners who have been buying this oil replace their purchases from the gasoline market instead of from inventories of crude or from production of other states, principally the Southwest, a boost may be given the entire price structure and the excessive inventories of gasoline may be lowered substantially to a point where the pressure of offerings may be lifted and offerings at concesions eliminated.

Prices this week are a bit steadier, but no strength is in evidence in any of the products. Heavy oils, distillates and kerosene remain at the same levels. Demand for fuel and heating oils has been one of the favorable features of the market this week.

GASOLINE.—U. S. Motor, 3½c. to 4⅛c. per gallon and 63-66 octane, is 4c. to 4½c. top grade is 4⅝c. to 4⅞c.

KEROSENE.—The 41-43 gravity is 3¾c. to 4c. per gallon and the 42-44 water white is 3⅞c. to 4⅛c.

NATURAL GASOLINE.—The 18-55 is 1¼c. per gallon in Texas and 1¾c. to 1⅞c. in Oklahoma. The 26-70 is 1¼c. in Texas and 1½c. in Oklahoma.

DISTILLATES.—No. 1 prime white, 3¼c. to 3½c. per gallon; straw, 3½c. to 3⅜c.; No. 2 is 3¼c. to 3⅜c.

The State of the Petroleum Market

Crude oil prices and quotations on gasoline at refinery were unchanged last week.

	Aug. 9	Aug. 2	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.1720	$1.1720	$1.127
Gasoline prices at refineries (at four refining centers) per gallon.....	.0517020	.0517020	.0491875

Fertilizer Materials

Moderate Activity Reported in Fertilizer Materials Market —Buying Light — Cottonseed Meal Lowered — Menhaden Fish Scrap Easier—Sulphate of Ammonia Still Very Tight

Movement of fertilizer materials into the hands of mixers was along quite moderate lines last week. Spot buying was mostly for small-sized lots of material for early delivery. Consumers apparently were purchasing for immediate needs only. Of the organics, blood and tankage markets were more quiet, but there was a bit more inquiry for fish scrap. Although no actual sales were made, there were reports that when-and-if-made menhaden was offered at a price lower than the one when the last sale was made two weeks ago. Cottonseed meal was lowered, marking the sole price revision of the week.

Contracting for delivery of nitrate of soda in bags in August was proceeding satisfactorily during the week. Sulphate of ammonia continued to be one of the tightest items in the market. Several prospective buyers were encountering difficulty in obtaining their quotas. Japan was our second best sulphate customer during the first six months of the year 36,761 long tons being shipped to that country. This was topped only by the 46,380 tons sent to Puerto Rico. The United States was Japan's best customer. Of the 31,798 long tons of sulphate imported by this country in the first six months, 30,555 tons came from Japan.

Nitrogenates

Ammonia Phosphate.—Stocks scarce. Price firm.

Calcium Nitrate.—No sales. Prices withdrawn.

Cyanamid. — Offerings curtailed. Firm and unchanged.

Castor Pomace.—Domestic firm. Demand routine. Shipments light. Imported nominal.

Dried Blood.—All prices firm and unchanged. Market more quiet.

Fish Scrap.—Bids offered at price lower than one quoted for when-and-if menhaden. No actual sales reported. Japanese meal firm and scarce.

Nitrate of Soda.—Contracting for August bag delivery active. Contract shipments a bit heavier. Prices firm and unchanged.

Nitrogenous Material—Firm and quiet.

Sulphate of Ammonia.—Market still tight. Offerings limited. Price firm and unchanged.

Tankage.—No price developments. Demand lighter.

Potashes

Muriates and manure salts continued to be in good demand although shipments during the week were fairly light. Contracting was still holding the interest of the trade. Material was not offered too freely. Prices were firm and unchanged for domestic stocks. Imported products were unavailable.

Phosphates

Bone Materials.— Conservative buying featured the week. Shipments were lighter. Prices were firm and unchanged.

Price Changes

Advanced

None

Reduced

Cottonseed meal, spot, $3 per ton, Southeast mills
Fish scrap, Calif., sardine meal, spot, $5 per ton, f.o.b. San Francisco.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
67.0	67.0	67.0	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Phosphate Rock.—Routine. Prices firm and unchanged.

Superphosphate.—Sales volume fair. Prices steady.

Sulphur and Pyrites

The demand for crude sulphur was smaller than it had been in several previous weeks. Shipments were still fairly regular, however. Prices were steady and unchanged.

Markets at Other Centers

Baltimore—August 7

Activity in the crude fertilizer market continues to be close to a standstill, with buying halted. Price changes are reduced to the smallest fractions, if there is any modification at all.

FISH SCRAP.—Scrap is still being quoted at $3.25 and 10c. per unit-ton, f.o.b. factory, and further easing in the quotations may be expected.

SUPERPHOSPHATE.—Quotations unchanged at $8 per ton for 16 percent material, with 6 percent flat at $8.50.

TANKAGE.—With the market inactive, quotations range around $2.25 and 10c. unit-ton, f.o.b. shipping point, with South American supplies held at $2.40 and 10c.

DRIED BLOOD.—Small sales last reported at $2.25 per unit-ton f.o.b. shipping point.

Atlanta—August 7

The market is quiet. Quotations on principal materials in this market are as follows:—

SUPERPHOSPHATE.—52c. per unit, interior producing points.

NITRATE OF SODA.—$27 per ton, port basis.

SULPHATE OF AMMONIA.—$28 per ton, port basis.

COTTONSEED MEAL.—8 percent grade, spot, $27 per ton, Southeast.

BLOOD.—Foreign, $2.30, port basis.

TANKAGE.—Foreign, $2.40 and 10c. per unit, ports.

BONE.—Steam bone meal, 3 and 50, $29 to $30 per ton, Chicago.

Fertilizer Tag Sales: July

	P.C. of 1939.	July 1940.	July 1939.	July 1938.	P.C. of 1939.	January-July 1940.	January-July 1939.	January-July 1938.
		Equivalent tons*				Equivalent tons*		
Virginia	85	4,041	4,776	3,962	93	295,376	317,428	302,811
North Carolina	57	2,751	4,862	4,892	88	971,605	1,104,882	1,002,046
South Carolina	146	2,150	1,475	1,710	100	636,654	636,389	624,834
Georgia	272	1,553	570	2,901	107	712,773	664,744	699,219
Florida	81	16,184	19,986	20,109	108	306,884	284,789	292,701
Alabama	64	1,400	2,200	850	102	560,100	546,650	521,550
Mississippi	10	1,250	12,050	207	106	293,095	277,646	298,161
Tennessee	146	1,805	1,234	650	105	121,648	116,319	110,115
Arkansas	100	100	100	750	144	93,450	64,972	62,600
Louisiana	20	20	102	2,000	107	132,681	123,578	123,972
Texas	354	1,275	360	60	128	103,181	80,734	71,972
Oklahoma	150	300	200	10	90	5,748	6,398	6,680
Total South	69	32,829	47,915	38,101	100	4,233,195	4,224,529	4,116,661
Indiana	139	4,862	3,500	13,051	123	198,244	160,814	140,609
Illinois	...	.....	150	12	122	36,198	29,725	30,217
Kentucky	...	438	.....	3,575	104	96,700	92,556	94,898
Missouri	132	86	65	61	125	26,265	20,933	24,800
Kansas	...	2,085	.....	5	330	4,798	1,455	3,567
Totals Midwest	201	7,471	3,715	16,704	119	362,205	305,483	294,100
Grand totals	78	40,300	51,630	54,805	101	4,595,400	4,530,012	4,410,761

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

FERTILIZER MATERIALS
Domestic — Import — Export
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Save money—replace more expensive containers with Fulton Waterproof Paper Lined Bags for shipping, storing chemicals, pigments and any products that require sift-proof and moisture-proof containers. Bags are cheaper, store more easily and save you freight.

If you are now buying Waterproof Paper Lined Bags, we can furnish you a bag second to none at a price that will interest you. Quick shipments from Atlanta, Georgia and St. Louis, Missouri. Please send us your requirements—prices furnished promptly.

FULTON BAG & COTTON MILLS
Manufacturers since 1870
ATLANTA ST. LOUIS NEW YORK NEW ORLEANS
MINNEAPOLIS DALLAS KANSAS CITY, KANS.

ping point, with South American business quiet at $2.30.

Chicago—August 7

Movement of fertilizer materials has been along quite moderate lines here in the last few days. Buyers are mostly interested in small lots of material for early shipment. Blood has been attracting a certain amount of demand based on filling of nearby needs. Tankage business holds up fairly well, with no great price change. Bone materials are reported making a good market showing, with little price trend in evidence.

BLOOD.—Principal grade, $2.50 per unit of ammonia.

TANKAGE.—High grade, feeding, $2.75 and 10c.; hoof meal, $2.25 to $2.40; liquid stick, $1 to $1.25.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $28 to $29; 3 and 50 percent, $30 to $31; 4½ and 50, $31 to $33; grinding hoofs, pigs' toes and waste horn materials, $33 to $35; pork cracklings, soft pressed, $35 to $37.50; beef cracklings, soft pressed, $32.50 to $35; hard pressed cracklings, per unit of protein 57½c. to 62½c.

San Francisco—Aug. 7

Nitrate of soda bookings continue good. Organics were firm in some aspects last week, but fish meals were easier. Trade is routine.

SULPHATE OF AMMONIA—$38 per ton in 100-pound bags, delivered inland points.

SUPERPHOSPHATE—80c. per unit in bulk, f.o.b. San Francisco. Bags, 91c. per unit.

NITRATE OF SODA—100-pound bags, $29 per ton and 200-pound bags, $28.30. Bulk lots at $27.

FISH MEAL—Spot California sardine meal, $48 per ton, f.o.b. cars, San Francisco.

TANKAGE—Unground fertilizer, wet rendered, domestic, $2.50 to $2.60 and 10c. per unit-ton, f.o.b. plant, Northern California. Dry rendered, ground, 50%, $32.50 per ton, f.o.b. cars, South San Francisco. Argentine, 50% ground, $31.50 per ton ex-dock, September shipment from source. Unground, domestic, dry rendered, 45c. per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL—$2.50 per unit, f.o.b. cars, San Francisco and/or Los Angeles.

Potash Deliveries in N.A. Totaled 31,854 Tons

Deliveries of agricultural potash by its member companies of the Potash Institute within the continental United States, Canada, Cuba, Puerto Rico, and Hawaii during the second quarter of 1940, amounted to 31,584 tons of actual K_2O, equivalent to 52,972 tons of potash salts. Constituting this total were 49,466 tons of muriate, 263 tons of manure salts, and 3,243 tons of sulphate. In addition, deliveries for chemical uses amounted to 15,384 tons of salts equivalent to 9,538 tons of K_2O. These figures include salts of domestic origin only. Based on import records of the Bureau of Foreign and Domestic Commerce potash imports in the form of chloride and sulphate salts during the second quarter amounted to approximately 29,133 short tons K_2O.

For the first half of 1940 deliveries of agricultural K_2O amounted to 102,046 tons, equivalent to 175,903 tons of potash salts, consisting of 162,023 tons muriate; 4,124 tons manure salts; and 9,756 tons sulphate. Regional distribution on a K_2O basis was as follows: Northeastern and Mid-Atlantic States, 18,505 tons; Southern States, Virginia included, 42,665 tons, Midwestern States, 22,769 tons, West coast States, 2,998 tons; the remainder, 15,109 tons K_2O was delivered to Canada, Cuba, Puerto Rico, and Hawaii. In addition, deliveries for chemical uses amounted to 29,013 tons of salts equivalent to 17,988 tons of K_2O. Imports of chloride and sulphate salts during the first half amounted to approximately 90,500 short tons of K_2O.

Petroleum Coke Freight Rate Authorized by I.C.C.

OPD Washington Bureau
August 5, 1940

Authority to establish railroad rates of $2.05 per ton for distances of 100 miles has been granted by the Interstate Commerce Commission for the shipment of petroleum coke from points in the New Orleans-Baton Rouge, La., area to destinations in Kentucky, Tennessee, North and South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Illinois, Indiana and Ohio.

Independent Petroleum Association of America will hold its annual meeting October 16-18 at Dallas, Tex.

Trade Ass'ns Must Know Antitrust Laws

—Continued from page 5

reasons for the action appear only in the order.

Procedure Subsequent to Cease and Desist Order

There is no difference in procedure, up to and including the issuance of an order to cease and desist, whether the case is under the Federal Trade Commission act, as amended, or under the Clayton act, as amended. Both acts embody procedure for their enforcement by the commission and their provisions in this regard were substantially the same until the passage of the Wheeler-Lea act in March, 1938.

The provisions of the Wheeler-Lea act effected substantial changes in the provisions of the Federal Trade Commission act, applicable after the commission has issued its order to cease and desist, but it did not amend the applicable provisions of the Clayton act, as amended.

Under the Federal Trade Commission act, as amended, an order to cease and desist becomes final sixty days after its issuance, unless within that period the respondent petitions the United States Circuit Court of Appeals to review the order. In case of such a review, the commission's order becomes final after affirmance by the circuit court of appeals or by the Supreme Court of the United States if taken to the latter court on a writ of certiorari.

Violation of an order to cease and desist after the same shall have become final and while it is in effect subjects the offender to a civil penalty of not more than $5,000 for each violation, recoverable by the United States.

Under the Clayton act, as amended, an order to cease and desist does not become final, in the sense that its violation subjects the violator to a penalty, until the United States Circuit Court of Appeals shall have issued its order commanding obedience, on application of the commission for enforcement.

Under both acts, however, the respondent may apply to the circuit court of appeals for a review of an order, and either upon the application of the commission for enforcement or of the respondent for review, the court has power to affirm, or affirm as modified, and to enforce to the extent affirmed, or to set aside, the order of the commission. Also, under both acts, either party may apply to the Supreme Court of the United States for review, under certiorari, of the action of the circuit court of appeals.

Special Provisions Preventing False Advertising

The Wheeler-Lea Act of March 21, 1938, further amended the Federal Trade Commission act by adding special provisions for the prevention of the dissemination of false advertisements concerning food, drugs, devices (meaning devices for use in the diagnosis, prevention, or treatment of disease), and cosmetics.

In addition to the regular proceeding by way of complaint and order to cease and desist, the commission may, in a proper case, bring suit in the United States District Court to enjoin the publication of such false advertisements pending final disposition of the matter under the complaint.

Further, the publication of such a false advertisement where the use of a commodity so advertised may be injurious to health or where it is published with intent to defraud or mislead, constitutes a misdemeanor and conviction subjects the offender to a fine of not more than $5,000 or imprisonment of not more than six months, or both. Succeeding convictions may, with certain exceptions, result in a fine of not more than $10,000, or imprisonment of not more than one year, or both.

(To be continued)

Cottonseed oil valued at $3,000 was lost when vandals opened valves on a tank car on a siding at Shelby and the Louisville & Nashville Railroad crossing, Louisville, Ky. The oil was a product of the Durkee Famous Foods Company.

Harshaw of Pittsburgh Has Birthday Party

To celebrate the tenth anniversary of the opening of the Pittsburgh office, the Harshaw Chemical Company entertained over 250 guests (see the picture alongside) at a picnic in Brooker's grove near Pittsburgh August 4. H. L. Haney, manager, and his associates, Richard Brian, R. O. Hummel, and R. J. Goldbach, were the hosts, and Miss Helen R. Joyce and Mrs. Martha Davidson were most genial hostesses.

Horseshoepitching, egg, and candle races, tugs of war, and other contests for liberal prizes, under the direction of R. O. Hummel were carried on all day, and when the sun set all agreed that the affair had been most enjoyable.

Lunches and bountiful refreshments were served throughout the day.

Vice-president R. S. Wensley came to the party from the home office in Cleveland, accompanied by the following members of the headquarters personnel:—

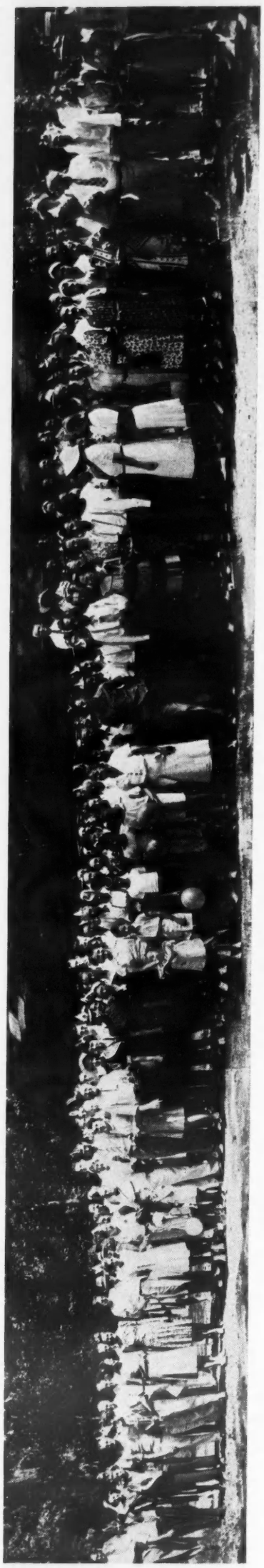
L. F. Ahlman, Ed Aherns, John Beall, R. W. Champion, J. A. Doolittle, M. D. Griffiths, Jack Iliff, G. H. Merz, T. W. Pickering, and Sam Stevenson.

The multitude of guests from various branches of industry with which the Harshaw organization has relations included the following:—

W. L. Schlicker, Aluminum Company of America; N. S. Worrell, American Zinc Sales Company; R. M. Brasington, Brasington Paint Company; A. E. Romig, Carnegie-Illinois Steel Company; W. E. Eccles and R. W. White, Cooper-Bessemer Company; H. F. Saylor, Cowan Manufacturing Company; Dr. S. S. Shively, B. F. Drakenfeld Company; O. F. Masser and Blaine Wegley, Duncan & Miller Glass Company; A. S. Bordy, Eagle Picher Lead Company; Carroll Rogers, Feldspar Milling Company; Arthur Foell, General Chemical Company; J. M. Anderson, Globe Varnish Company.

C. Hachmeister, Hachmeister, Inc.; Larry Brown, Hall China Company; K. P. Bosche, Hercules Powder Company; Don Cushman, Innis, Speiden & Co.; R. H. Ague, International Milling Company; J. Hepplewhite, Edwin M. Knowles Company; M. B. Flynt, jr., Lastik Products Company; Harry Thiemicke, Homer Laughlin China Company; J. E. Craig and C. D. Wilson, Mississippi Glass Company; H. J. Hooper, National Casket Company; Nelson L. Booth, National Radiator Corporation.

G. R. Dixon, Howard Edwards, and H. N. Hall, Oglebay, Norton & Co.; W. P. Snelsire, Pennsylvania Salt Company; M. R. Davis, Perfection Glass Company; R. W. Mackenson, Pittsburgh Coal Company; Earl Sood, Pittsburgh Plate Glass Company; P. M. Snyder, H. H. Robertson Company; Harry Backley, Shenango Pottery Company; J. M. McGrael, S. Strunz & Sons; J. A. Bower, Elmo Lintz, and J. R. Porter, Taylor, Smith & Taylor Company; Miss Valerie Bole, Thompson & Co.; J. D. Horton, Union Spring & Manufacturing Company; H. J. Kress, jr., and D. A. Macdonald, Wheeling Tile Company.



Aviation Gasoline Defined for Export

—Continued from page 3

can be separated more than 3 percent of such gasoline, hydrocarbon or hydrocarbon mixture."

The term, "commercial distillation," as used in the paragraph quoted above should be interpreted as meaning separation by ordinary refinery fractionating equipment and does not include cracking or super-fractionation with the production of narrow boiling cuts or compounds. Furthermore, to come within the definition the amount of material obtained by this so-called "commercial distillation" must amount to at least 3 percent of the original material and this 3 percent or more must have an octane number of 87 or higher, or it must be possible to ethylize it to an 87 octane number or higher with the addition of tetraethyl lead up to a total content of 3 c.c. per gallon.

The term, "aviation motor fuel," as used in the above-quoted paragraph should not be interpreted as applying to any gasoline which contains over 25 percent of cracked products and has an octane number of less than 70, providing no synthetic iso-octane, neohexane, or alkylates have been added thereto.

No license is required for the exportation of kerosene, diesel oil, or fuel oil.

U. R. Kendree has been appointed manager of the Fresno district branch office of the General Petroleum Corporation, to succeed Douglas G. Tait, who has been promoted to the management of the Sacramento district branch office.

Shipping Information

All matter under this heading fully protected by copyright

Imports at U.S. Ports

New York Imports

AGAR—20 cs, Japan
12 bls, Japan

ALBUMEN, EGG, HEN—34 cs, American Cyanamid & Chem Co, Hongkong

ALOE—44 cs, E Meer & Co, Capetown
40 cs, Selma Mercantile Corp, Curacao
50 cs, Selma Mercantile Corp, Curacao

ANISE—280 bgs, Villar & Co, Izmir
326 bgs, L A Champon, Bourgas
83 bgs, Superintendence Co, Bourgas

ANTIMONY ORE—2,125 bgs, W R Grace & Co, Antofagasta
1,070 bgs, Buenos Aires

ARBUTUS LEAVES—110 bls, Alicante
205 bls, Alicante

ARROWROOT—630 bbls, Morningstar-Nicol, Inc, St Vincent

ASBESTOS—650 bgs, Raw Asbestos Distr, Ltd, Beira
1,000 bgs, Johns Manville Corp, Lourenco Marques
100 bgs, Union Asbestos & Rubber Co, Lourenco Marques
1,000 bgs, Johns Manville Corp, Lourenco Marques
1,000 bgs, Union Asbestos & Rubber Co, Lourenco Marques
1,800 bgs, Raw Asbestos Distr, Ltd, Beira
600 bgs, Raw Asbestos Distr, Ltd, Beira

ASPHALT—8 bgs, W McDonough & Son, Havana

BALDO LEAVES—22 bls, Peek & Velsor, Valparaiso
22 bls, S B Penick, Valparaiso

BARBASCO ROOT—600 bls, Wessel, Duval & Co, Para

BEEF EXTRACT—400 cs, W Fischer & Co, Buenos Aires

BONE MEAL—2,204 bgs, Wessel, Duval & Co, Bourgas
2,206 bgs, Wessel, Duval & Co, Bourgas
2,204 bgs, Wessel, Duval & Co, Bourgas

BONES—2,191 bgs, C Hollinshed Co, Montevideo

BRISTLES—26 cs, R Schwarz, Dairen
55 cs, Rosenhirsch Co, Tientsin
14 cs, Iwai & Co, Tientsin
52 cs, Dairen
50 cs, F H Cone & Co, Shanghai
50 cs, O Hirsenhorn & Son, Shanghai
14 cs, Dairen
20 cs, N Wagman Co, Dairen
12 cs, Dairen
150 cs, Hongkong
25 cs, F W Von Stade, Hongkong

CACTUS—9 cs, S B Penick & Co, Kingston

CAMPHOR, CRUDE—1,000 cs, Mitsui & Co, Keelung
REFINED—25 cs, Mitsui & Co, Kobe

CANAIGRE ROOT—28 bls, Vera Cruz

CANARY SEED — 419 bgs, Buenos Aires, Buenos Aires
233 bgs, H S Cramer & Co, Buenos Aires
164 bgs, Hinton & Co, Buenos Aires
409 bgs, A G Dunn, Buenos Aires
1,727 bgs, Buenos Aires
833 bgs, Catz American Co, Buenos Aires

CARAWAY SEED—33 bgs, Raphael H Elmeleh Corp, Casablanca

CASEIN—84 bgs, A Hurst & Co, Buenos Aires
834 bgs, T M Duche & Sons, Buenos Aires
2,020 bgs, American British Chemical Supplies, Buenos Aires
834 bgs, Tupman, Thurlow & Co, Buenos Aires

CASSIA—84 bls, Knickerbocker Mills Co, Hongkong
84 bls, Durkee Famous Food, Hongkong

CASTOR BEANS—1,694 bgs, Mitsui & Co, Bahia
2,598 bgs, Bahia
2,600 bgs, National City Bank, Bahia
866 bgs, Bahia
2,550 bgs, Mitsui & Co, Bahia
825 bgs, Spencer Kellogg & Sons, Ceara
1,568 bgs, Guaranty Trust Co, Ceara
5,100 bgs, Pernambuco
1,650 bgs, Spencer Kellogg & Sons, Ceara
825 bgs, Spencer Kellogg & Sons, Ceara
1,752 bgs, National City Bank, Rio Janeiro

CHEMICALS—1 bbl, J Powell & Co, Piraeus
33 cs, Wedeman & Godknecht, Piraeus

CHILLIES—42 bgs, Brazilian Warrant Co, Inc, Dar es Salaam
7 bgs, Brazilian Warrant Co, Inc, Dar es Salaam
4 bgs, Brazilian Warrant Co, Inc, Dar es Salaam
140 bgs, J A Harveyson, Mombasa

CHINA CLAY—1 pkg, Combustion Engineering Co, Buenos Aires

CHROME ORE—5,041 tons, Central Hanover Bank Trust Co, Lourenco Marques
1,275 tons, F Samuels & Co, Thessalonki

CINNAMON BARK—21 bgs, Ernst P Henning, Mombasa

CLOVES—80 bls, L A Guids, Zanzibar
80 bls, Knickerbocker Mills Co, Zanzibar
100 bls, Geo Uhe Co, Zanzibar
250 bls, Dodge & Olcott Co, Zanzibar
400 bls, Geo Uhe Co, Zanzibar
250 bls, Greene Trading Co, Zanzibar
400 bls, C T Wilson & Co, Zanzibar
300 bls, Geo Uhe Co, Zanzibar
100 bls, Greene Trading Co, Zanzibar

COCA LEAVES—111 bls, Maywood Chem Works, Salaverry

COCOA BEANS—500 bgs, Kennedy Butcher & Co, Trinidad
1,000 bgs, Wood & Selick, Bahia
2,000 bgs, A C Israel Commodity Co, Bahia
1,500 bgs, Nieschlag & Co, Bahia
250 bgs, General Cocoa Co, Port Spain
250 bgs, Wood & Selick, Port Spain
250 bgs, Machado & Co, Port Spain
500 bgs, J Aron & Co, Port Spain
214 bgs, Bank of London South America, Port Spain
12 bgs, Balfour, Guthrie & Co, Grenada
500 bgs, Kennedy, Butcher & Co, Trinidad
13 bgs, American Caribbean Line, Trinidad
454 bgs, W R Grace & Co, Puerto Cabello
250 bgs, Wood & Selick, Guayaquil
250 bgs, Guayaquil
150 bgs, Corn Exchange Bank Trust Co, Para
340 bgs, Guaranty Trust Co, Para
340 bgs, Chase Natl Bank, Para
40 bgs, Chase Natl Bank, Manaos
21 bgs, Chase Natl Bank, Manaos
112 bgs, Chase Natl Bank, Itacoatiara
400 bgs, Curacao Trading Co, Trujillo
51 bgs, Mecke & Co, Maracaibo

COCOA BEANS—500 bgs, Daarnhouwer & Co, Laguayra
407 bgs, Tropic Food, Cristobal
50 bgs, A Canale, Cristobal
70 bgs, Lopez & Mangual, Maracaibo
5,600 bgs, Superintendence Co, Africa
22,594 bgs, Balfour, Guthrie & Co, Africa
1,600 bgs, Cie F A O, Africa
820 bgs, Superintendence Co, Africa
39,200 bgs, Balfour, Guthrie & Co, Africa
8,000 bgs, Standard Bank of South Africa, Africa
300 bgs, Middleton & Co, Port Spain

COCONUT, DESIC — 2,842 pkgs, Durkee Famous Food, Manila
1,079 bgs, Philippine Desic Coconut Corp, Manila
1,925 pkgs, Durkee Famous Food, Manila
300 cs, Balfour, Guthrie & Co, Manila
400 bgs, Balfour, Guthrie & Co, Manila

COCONUTS—535 bgs, Dominica
1,150 bgs, I L Toledano Corp, Cristobal
481 bgs, General Food Corp, Kingston

CONCENTRATES—619 pockets, Lourenco Marques
598 pockets, Lourenco Marques

COPAIBA BALSAM—8 cs, Manaos
20 cs, Manaos

CORIANDER SEED—350 bgs, Raphael E Elmeleh Corp, Casablanca
400 bgs, E E Marks & Co, Casablanca
200 bgs, J S Toledano & J M Pinto, Casablanca
350 bgs, Raphael H Elmeleh Corp, Casablanca

CORK—34 bgs, Atlantic Freighting Corp, Lisbon
26 bls, Hinrichs & Pearsell, Lisbon
27 bls, Bisbe Cork Co, Barcelona

FLOATS—130 bls, Barcelona
20 bls, Barcelona

VIRGIN—226 bls, Mundet Cork Corp, Lisbon
294 bls, Mundet Cork Corp, Lisbon

WASTE—222 bls, Mundet Cork Corp, Lisbon
990 bls, Mundet Cork Corp, Lisbon
800 bls, Mundet Cork Corp, Lisbon

WOOD—140 bls, Arco Crown & Cap Co, Lisbon
107 bls, Arco Crown & Cap Co, Lisbon
950 bls, Mundet Cork Corp, Lisbon

COTTONSEED MEAL—1,692 bgs, East Asiatic Co, Santos
3,000 bgs, East Asiatic Co, Santos

COTTON LINTERS—265 bls, Williamson Prod Co, Santos
112 bls, Williamson Prod Co, Santos

CUMIN SEED—120 bgs, A G Dunn, Casablanca
120 bgs, Export Agencies Corp, Casablanca
95 bgs, Raphel H Elmeleh Corp, Casablanca
92 bgs, P H Petry & Co, Casablanca
300 bgs, J S Toledano & J M Pinto, Casablanca

EGG YOLK, HEN—112 cs, Consumers Import Co, Dairen
224 cs, A Hurst Co, Tientsin
112 cs, Stein, Hall & Co, Tientsin
112 cs, A Hurst & Co, Tientsin
224 cs, Stein, Hall & Co, Tientsin
112 cs, A Hurst & Co, Tientsin

EMERY STONE—500 tons, Hamilton Emery & Corundum Co, Izmir

ERGOT—7 crates, Lisbon
40 cs, S B Penick & Co, Porto

FENUGREEK SEED—100 bgs, Raphael H Elmeleh Corp, Casablanca
100 bgs, J S Toledano & J M Pinto, Casablanca

FISH LIVERS—527 tins, Japan

FLAXSEED — 508,000 kilos, 20,320 bus, Buenos Aires
5,460 bgs, 12,012 bus, Buenos Aires
2,540,000 kilos, 221,600 bus, Buenos Aires
1,828,800 kilos, 73,152 bus, Archer Daniels Midland Co, Buenos Aires
3,441 bgs, 7,570 bus, Archer Daniels Midland Co, Buenos Aires

FLIES, DRIED—14 bgs, Vera Cruz

GAMBIER—120 cs, L Littlejohn & Co, Singapore
159 cs, E E Androvette, Straits Settlements
210 bgs, E E Androvette, Straits Settlements

GENTIAN ROOT—250 bls, Public Natl Bank, Seville

GINGER ROOT—12 bgs, Dodge & Olcott Co, Kingston
100 bgs, Gillespie & Co, Kingston

GLANDS, BEEF—20 cs, Wilson & Co, Inc, Santos

BEEF PANCREAS—69 cs, Swift & Co, Montevideo
100 cs, Swift & Co, Buenos Aires
82 cs, Swift & Co, Buenos Aires

SUPARRENALES—5 cts, C Hollinshed, Montevideo

GLUE—200 bgs, W R Grace & Co, San Antonio

GLUESTOCK—42 bls, Darnstadt, Scott & Courtney, Buenos Aires

GLYCERIN—65 dms, Buenos Aires
52 dms, Buenos Aires
50 dms, Buenos Aires

GRAPHITE—1,400 bgs, Mitsui & Co, Husan

GUM, COPAL—80 bgs, O G Innes Corp, Manila
63 bgs, Stroock & Wittenberg, Manila
40 bgs, France, Campbell & Darling, Manila
100 bgs, O G Innes Corp, Manila
75 bgs, Stroock & Wittenberg, Manila
114 bgs, S Winterbourne & Co, Manila

DAMMAR—300 cs, Chase National Bank, Batavia
100 cs, National City Bank, Batavia
250 cs, Thurston & Braidich, Batavia
200 cs, Chase National Bank, Batavia
350 cs, Thurston & Braidich, Batavia

GUAIAC—6 cs, Mecke & Co, Trujillo
3 bgs, Schutte & Focke, Trujillo

KARAYA—334 bgs, Frank Vliet Co, Bombay

PERILLA—38 bls, Chicle Development Co, Cristobal

TRAGACANTH—4 bgs, A D Isbetcherian Co, Istanbul

HOPS—300 bls, Amtorg Trading Corp, Istanbul

HORFHOUND LEAVES—42 bls, Alicante

KEROSENE—3 cs, Socony Vacuum Oil Co, Africa

KOLA NUTS—22 bgs, S B Penick & Co, Kingston
100 bgs, D Steengrafe, Kingston

LAVENDER FLOWERS—80 bls, E Meer & Co, Alicante

LEAVES, MED—1 cs, S B Penick & Co, Kingston

LIME JUICE—10 hhds, Dalton Cooper, Inc, Dominica
5 hhds, Dominica

MACE—46 cs, Gillespie Bros, Grenada

MANACA ROOT—53 bgs, Bahia

MANGANESE ORE—1,000 tons, Chase National Bank, Durban
800 tons, Chase National Bank, Durban
1,500 tons, Base Metal Corp of America, Manila

MANGROVE BARK EXTRACT — 700 bgs, Barkey Import Co, Mombasa
700 bgs, Barkey Import Co, Mombasa

MARJORAM LEAVES—14 bls, Briones & Co, Arica

MATE—15 cs, Buenos Aires
2 bbls, Buenos Aires

MEDICINAL PREPS—1 cs, New York & Cuba Mail SS Co, Havana
8 cs, F Stearns & Co, Buenos Aires
1 cs, Schering Corp, Buenos Aires

MENTHOL—50 cs, Mitsui & Co, Shanghai
50 cs, McKesson & Robbins, Hongkong

MICA—4 cs, Mercantile Metal & Ore Corp, Buenos Aires
70 cs, Buenos Aires
9 cs, Buenos Aires
45 cs, J Koppel, Buenos Aires
90 cs, F D Pitts, Rio de Janeiro
38 cs, Ford Radio & Mica Corp, Rio de Janeiro
12 cs, Eugene Munsell & Co, Rio de Janeiro
68 cs, A O Schoonmaker Insulation Co, Rio de Janeiro
60 cs, A O Schoonmaker Insulation Co, Rio de Janeiro
13 cs, K Amano, Rio de Janeiro
58 cs, Eugene Munsell & Co, Rio de Janeiro

SPLITTINGS—48 cs, A C Schoonmaker Insulation Co, Yokohama
12 cs, A C Schoonmaker Insulation Co, Yokohama

MINERAL—11 bbls, Chase National Bank, Porto

CONCENTRATES—128 bgs, W R Grace & Co, Cartagena
128 bgs, W R Grace & Co, Cartagena

MUTILO—12 cs, W P Brown, Rio de Janeiro

MOLASSES—170,000 gls, American Molasses, Havana

MUSTARD SEED—120 bgs, Duncan Fox & Co, Valparaiso

NUTGALLS—13 bgs, A D Isbetcherian Co, Istanbul

NUTMEGS—50 bgs, Van Norden & Archibald, Grenada
166 bgs, Barclay Bank, Grenada
200 bgs, Thomas Scott & Co, Grenada
100 bgs, Mincing Trading Co, Grenada
150 bgs, Thomas Scott & Co, Grenada
50 bgs, Van Norden & Archibald, Grenada
100 bgs, Middleton & Co, Grenada

OIL—10 dms, Texas Co, Maracaibo

BABASSU — 317 dms, Bessa Jones, Inc, Maranhao

CANANGA—3 dms, Irving Trust Co, Batavia

CHINAWOOD—100 tons, Pacific Vegetable Oil Co, Hongkong
25 tons, Pacific Vegetable Oil Co, Hongkong
245 tons, Wah Chang Trading Corp, Hongkong

CINNAMON LEAF—12 dms, R C Treatt & Co, Mombasa
9 dms, R C Treatt & Co, Mombasa
10 dms, R C Treatt & Co, Mombasa

CITRONELLA—4 dms, Catz American Co, Batavia

COCONUT—300 tons, Philippine Refining Corp, Manila

COD—52 cks, Canada
50 dms, Canada
64 bbls, Canada

CODLIVER—50 dms, 1 cs, Canada

COTTONSEED—1 cs, Gillespie & Co, Santos

ESSENTIAL — 10 cs, Deli Atjer Trading Society, Barcelona
22 cs, Deli Atjer Trading Society, Barcelona

FISH LIVERS—10 dms, Mitsubishi Shoji Kaisha, Yokohama
100 dms, Atlantic Coast Fisheries Co, Yokohama

GAS—4 cs, Socony Vacuum Oil Co, Africa

LIME, DIST—6 cs, Dominica
3 cs, American Lime Corp, St Lucia
11 dms, Dodge & Olcott Co, Port Spain

LINALOE—3 dms, F W Pabst, Vera Cruz
2 dms, Vera Cruz

MARJORAM—2 bbls, Norda Essential Oil & Chem Co, Seville

MURU MURU—136 dms, Public National Bank & Trust Co, Para

OITICICA—50 dms, Irving Trust Co, Ceara

OLIVE—100 dms, V Cory & Co, Izmir
200 dms, R H Elmaleh, Izmir
200 dms, Toledano & J M Pinto, Izmir
250 dms, Messias Villar, Izmir
250 dms, Banco Hollander, Izmir
1,394 cs, Izmir
140 cs, Unido Villar & Co, Izmir
150 dms, A Pasquera, Izmir
198 cs, Aranjo Leitao, Izmir
250 dms, Izmir
50 dms, Smith-Weihman Co, Izmir
250 dms, Smith-Weihman Co, Izmir
200 dms, Pomperian Olive Oil Corp, Piraeus
520 cs, Lekas & Drivas, Piraeus
50 dms, Uddo Taormina Co, Piraeus
25 dms, Lekas & Drivas, Piraeus
40 cs, Lekas & Drivas, Piraeus
50 dms, Economon & Ritsos, Piraeus
50 dms, J D Nikolaon, Piraeus
100 dms, Moscahlades Bros, Piraeus
80 dms, Levant Amer Comi Co, Piraeus
40 dms, M Contopinis, Piraeus

OLIVE SULPHUR—150 dms, Villar & Co, Izmir
755 tons, Smith-Weihman Co, Izmir

ORANGE—22 cs, Santos

PATCHOULI—3 dms, Irving Trust Co, Batavia

PETITGRAIN—33 cs, Guaranty Trust Co, Buenos Aires

ROSEWOOD—2 dms, Banque de Guyana, Curacao
48 dms, Manaos

SOYBEAN—321 tons, Mitsui & Co, Dairen
322 tons, Mitsubishi-Shoji-Kaisha, Dairen
430 tons, Mitsui & Co, Dairen

TEASEED—20 dms, Pacific Vegetable Oil Co, Hongkong
200 dms, W R Grace & Co, Hongkong
180 dms, I R Boody & Co, Hongkong
150 dms, Leghorn Trading Co, Hongkong
50 dms, T G Cooper & Co, Hongkong
50 dms, American Cyanamid & Chem Co, Hongkong

VEGETABLE—11 bbls, Fritzsche Bros, Seville
11 bbls, Dodge & Olcott Co, Seville

VETIVER—2 dms, Irving Trust Co, Batavia
4 dms, Irving Trust Co, Batavia

ORANGE PEEL—120 bls, Alicante

PAPAIN—1 bx, Joosten & Janssen, Mombasa

PAPRIKA—35 bgs, Avery F Payne & Co, Havana
203 bgs, Raphael H Elmeleh Corp, Casablanca
160 bgs, V M Calderon & Co, Bourgas
390 bgs, Ludwig Muller, Bourgas
200 bgs, Superintendence Co, Bourgas

PATCHOULI LEAVES—49 bgs, Givaudan-Delawanna, Singapore

PEPPER, WHITE—168 bgs, Tandjonk Priok
118 bgs, Tandjong Priok

PIMENTO—30 bgs, Kingston
131 bgs, A G Dunn, Kingston
125 bgs, Kingston
50 bgs, E F Leveen, Kingston

PORK LIVER EXTRACT—14 kgs, Milton Snedeker Co, Havana

PRECIPITATES—27 bgs, South American Development Co, Guayaquil

PUMICE—121 bgs, C B Chrystal & Co, Piraeus

PYRETHRUM FLOWERS—125 bls, Mitsui & Co, Kobe
50 bls, Joosten & Janssen, Dar Es Salaam
125 bls, McLaughlin, Gormley & King, Mombasa
250 bls, S B Penick & Co, Mombasa

QUEBRACHO EXTRACT—1,900 bgs, International Product Corp, Buenos Aires
800 bgs, Tannin Corp, Buenos Aires
123 bgs, Tannin Corp, Buenos Aires

QUICKSILVER—32 flasks, Chase Natl Bank, Vera Cruz
65 flasks, Chase Natl Bank, Vera Cruz

ROCK CRYSTALS—8 cs, Ericoson Telephone Sales Corp, Rio Janeiro
19 cs, Rio Janeiro
12 cs, Brazilian Trading Co, Rio Janeiro

ROSE LEAVES—35 bgs, Raphael H Elmeleh Corp, Casablanca

SAGO FLOUR—681 bgs, H P Winter & Co, Singapore

SAPONIN—26 bgs, W R Grace & Co, Valparaiso

SCHEELITE ORE—108 bgs, Mercantile Metal & Ore Corp, Buenos Aires
100 bgs, Chase Natl Bank, Buenos Aires

SHELLAC—100 bgs, E E Androvette, Calcutta
500 bgs, E E Androvette, Calcutta
100 bgs, E E Androvette, Calcutta

SOAP—1 cs, Swift & So, Montevideo

SOAP BARK—41 bls, W R Grace & Co, San Antonio

SOYBEAN FAT—103 dms, Mitsubishi Shoji Kaisha, Dairen

SPONGES—16 bls, Gulf & West Indies Co, Havana
2 bls, F M Niglis, Piraeus

STORAX—123 cs, A Jaffe, Izmir
100 cs, R J Prentiss & Co, Istanbul
30 cs, Dodge & Olcott Co, Istanbul
18 bgs, Dodge & Olcott Co, Istanbul

SUMAC—90 bgs, Barkey Import Co, Izmir

SUNFLOWER SEED—100 bgs, L Cohen, Buenos Aires

TANKAGE—2,440 bgs, Tupman, Thurlow & Co, Buenos Aires
908 bgs, Armour & Co, Buenos Aires
1,016 bgs, Tupman, Thurlow & Co, Buenos Aires
908 bgs, Armour & Co, Montevideo
1,660 bgs, Swift & Co, Buenos Aires
2,296 bgs, Tupman, Thurlow & Co, Buenos Aires
1,992 bgs, Wessel, Duval & Co, Buenos Aires
1,000 bgs, Buenos Aires
5,080 bgs, Buenos Ayres

TAPIOCA, FLOUR—250 bgs, Batavia
250 bgs, Irving Trust Co, Cheribon
249 bgs, Cheribon
250 bgs, Irving Trust Co, Cheribon
200 bgs, Batavia
800 bgs, Cheribon

PEARL—121 bgs, Philadelphia Natl Bank, Cheribon
250 bgs, Cheribon

TARTAR—194 bgs, W R Grace & Co, San Antonio
339 bgs, Standard Brands, San Antonio
196 bgs, Standard Brands, Lisbon
200 bgs, Standard Brands, Casablanca
209 bgs, Standard Brands, Casablanca
286 bgs, Standard Brands, Casablanca
204 bgs, Standard Brands, Casablanca
195 bgs, C Pfizer & Co, Buenos Aires
533 bgs, C Pfizer & Co, Buenos Aires

TIN BARRILDA—410 bgs, Philipp Bros, Arica
1,117 bgs, Philipp Bros, Arica
2,305 bgs, Bank of Manhattan, Arica

TONKA BEANS—18 bbls, Simmonds & Grey, Para

TUNA LIVERS—11 bbls, Chase Natl Bank, Lisbon

VACCINE—2 cs, Rockefeller Foundation, Barranquilla

VALONIA—3,450 bgs, Barkey Import Co, Izmir
254 bgs, Tannin Corp, Izmir

VANADIUM—2,482 bgs, Vanadium Co of America, Callao

WAX, BEES—8 bgs, Olavarria & Co, Havana
22 bgs, Havana
48 bgs, W R Grace & Co, Havana
20 bgs, Havana
4 bgs, Strohmeyer & Arpe Co, Santos
3 bgs, E A Bromund Co, Santos
26 bgs, Schutte & Focke, Trujillo
15 bgs, Curacao Trading Co, Trujillo
41 bgs, Schutte & Focke, Trujillo

CARNAUBA—25 bgs, I R Boody & Co, Bahia
33 bgs, Guaranty Trust Co, Ceara
34 bgs, Strahl & Pitsch, Maranhao

CURICURY—160 bgs, S C Johnson & Son, Rio Janeiro

WINE LEES—1,166 bgs, Charles Pfizer & Co, Buenos Aires
1,242 bgs, Charles Pfizer & Co, Buenos Aires
127 bgs, Standard Brands, Lisbon
196 bgs, Standard Brands, Lisbon
1,014 bgs, Charles Pfizer & Co, Buenos Aires

WOLFRAM ORE—3,119 bgs, W R Grace & Co, Mollendo
500 bgs, Philipp Bros, Antofagasta
1,000 bgs, W R Grace & Co, Antofagasta
559 bgs, W R Grace & Co, Antofagasta
17 bbls, Brown Bros Harrimann Co, Lisbon
372 bgs, Irving Trust Co, Buenos Aires
32 dms, Irving Trust Co, Buenos Aires
500 bgs, Aries Co, Shanghai
300 bgs, Hongkong & Shanghai Banking Co, Shanghai
600 bgs, Wah Chang Trading Corp, Shanghai

ZINC DUST—1 cs, American Cyanamid & Chem Co, Africa
ZIRCONIUM ORE—3 bgs, J A Samuels & Co, Santos

New York Transit Imports

CASSIA—168 bls, Sprague, Warner & Co, Hongkong, Chicago
84 bls, Sprague, Warner & Co, Hongkong, Chicago
COTTONSEED MEAL—550 bgs, H S Cramer & Co, Buenos Aires
517,013 kilos, Canada Packers, Inc, Santos, Canada
517,013 kilos, Canada Packers, Inc, Santos, Canada
1,320 bgs, H S Cramer & Co, Buenos Aires, Montreal
330 bgs, H S Cramer & Co, Buenos Aires, Montreal
2,200 bgs, H S Cramer & Co, Buenos Aires, Montreal
4,403 bgs, H S Cramer & Co, Buenos Aires, Montreal
ERGOT—63 cs, Eli Lilly & Co, Porto, Indianapolis
FERTILIZER—2,000 bgs, Santos, Montreal
FLAXSEED—588 bgs, 1,292 bus, Brown Linseed Corp, Santos, Port Richmond
3,660 bgs, 8,052 bus, Brown Linseed Corp, Santos, Port Richmond
GLANDS—10 cs, Eli Lilly & Co, Rio Janeiro, Indianapolis
20 cs, Eli Lilly & Co, Rio Janeiro, Indianapolis
BEEF—240 cs, Eli Lilly & Co, Santos, Indianapolis
CALVES PANCREAS—138 cs, Eli Lilly & Co, Buenos Aires, Indianapolis
OX PANCREAS—286 cs, Eli Lilly & Co, Buenos Aires, Indianapolis
SUPARRENALES—51 cs, Parke, Davis & Co, Buenos Aires, Detroit
OIL, COTTONSEED, REFD—50 dms, Santos, Montreal
PERILLA—351 tons, Pacific Vegetable Oil Co, Dairen, San Francisco
PAPAIN—30 cs, American Ferment Co, Mombasa, Buffalo

Baltimore Imports

BLOOD, DRD—1,814 bgs, Buenos Aires
1,814 bgs, Montevideo
1,016 bgs, Buenos Aires
BONE GRIST—1,815 bgs, Buenos Aires
MEAL—4,000 bgs, Buenos Aires
BONES—1,862 bgs, Buenos Aires
CHROME ORE—4,000 tons, Masinloc
FERTILIZER MIX—2,233 bgs, Pernambuco
IRON ORE—5,700 tons, Bethlehem Steel Co, Daiquiri
5,750 tons, Victoria
22,300 tons, Bethlehem Steel Co, Cruz Grande
LIVER MEAL—907 bgs, Montevideo
400 bgs, Sydney
MANGANESE ORE—2,000 tons, Santiago
8,400 tons, Rio de Janeiro
MOLASSES—1,438,812 gls, Nuevitas
PETROLEUM, CRUDE — 74,921 bbls, Pan American Ref Corp, Las Piedras
130,702 bbls, Standard Oil Co, N J, Las Piedras
QUEBRACHO EXT—2,328 bgs, Buenos Aires
3,219 bgs, Buenos Aires
RUTILE ORE—240 bgs, Rio de Janeiro
TANKAGE—2,032 bgs, Buenos Aires
4,588 bgs, Montevideo
ZIRCON ORE—20,000 bgs, Sydney

Boston Imports

BONES—1,872 bgs, C Hollinshed & Co, Montevideo
487 bgs, C Hollinshed & Co, Montevideo
CASSIA—100 bls, D & L Slade Co, Hongkong
84 bls, D & L Slade Co, Hongkong
CLOVES—80 bls, Stickney & Poor Spice Co, Zanzibar
GAMBIER—104 cs, E C Androvette, Straits Settlements
MOLASSES—1,800 bbls, Boston Molasses Co, Barbados
PEPPER EXTRACT—1 cs, E P Prentice, Barbados
SAGO FLOUR—704 bgs, Arnold Hoffman & Co, Singapore
TAPIOCA FLOUR—545 bgs, Batavia
2,735 bgs, National City Bank, Sourabaya
250 bgs, Cheribon
100 bgs, Irving Trust Co, Cheribon
TARA—50 bgs, Merchant Natl Bank, Salaverry
WAX, VEGETABLE—25 cs, Mitsui & Co, Mozi

Charleston Imports

BLOOD, DRIED—1,016 bgs, Tupman, Thurlow & Co, Buenos Aires
2,032 bgs, Tupman, Thurlow & Co, Buenos Aires
HOOFMEAL—1,102 bgs, Wessel, Duval & Co, Buenos Aires
2,204 bgs, Buenos Aires
WAX, VEGETABLE—100 cs, Mozi

Jacksonville Imports

BLOOD, DRIED—2,032 bgs, Buenos Aires
1,815 bgs, Armour & Co, Montevideo
2,032 bgs, Buenos Aires
1,000 bgs, H & J Baker & Bros, Buenos Aires
BONE MEAL—3,308 bgs, H & J Baker & Bros, Buenos Aires
1,102 bgs, Buenos Aires
1,393 bgs, Wessel, Duval & Co, Buenos Aires
2,000 bgs, Buenos Aires
2,161 bgs, Buenos Aires
2,000 bgs, Buenos Aires
QUEBRACHO EXTRACT—1,608 bgs, Tannin Corp, Buenos Aires
TANKAGE—1,815 bgs, Armour & Co, Montevideo
2,028 bgs, Wessel, Duval & Co, Montevideo
1,815 bgs, Armour & Co, Montevideo
600 bgs, Swift & Co, Montevideo
1,120 bgs, Buenos Aires
4,000 bgs, H J Baker & Bros, Buenos Aires
1,562 bgs, Auervalt Schmitt, Inc, Buenos Aires
3,022 bgs, H J Baker & Bros, Buenos Aires
407 bgs, Buenos Aires
596 bgs, Buenos Aires
1,208 bgs, Wessel, Duval & Co, Buenos Aires
1,991 bgs, Buenos Aires
1,167 bgs, Buenos Aires
1,827 bgs, Buenos Aires

Los Angeles Imports

AGAR—30 lbs, Kobe
AMMONIA, PHOSPHATE—280,000 lbs, Trail
SULPHATE—80,640 lbs, Trail
ANTIMONY ORE—85,000 lbs, Iguala
APRICOT KERNELS—1,200 lbs, Hongkong
790 lbs, Hongkong
BONEMEAL—49,990 lbs, Tsingtao
BONES—350 lbs, Mazatlan
CASSIA—16,670 lbs, Hongkong
CHINA CLAY—100,870 lbs, Plymouth
COCOA BEANS—7,000 lbs, Colombo
COCONUT, DESIC—2,700 bgs, 270,000 lbs, Manila
COPRA MEAL—1,500 bgs, 152,120 lbs, Philippine Islands
4,000 bgs, 400,000 lbs, Manila
DRUGS—310 lbs, Hongkong
ADVANCED—1,920 lbs, Hongkong
FILTER PAPER—900 lbs, London
FISH LIVERS—125 tins, 5,000 lbs, Japan
750 tins, 30,000 lbs, Yokohama
200 tins, 8,000 lbs, Japan
572 tins, 22,480 lbs, Kobe
1,526 tins, 61,040 lbs, Yokohama
4,544 tins, 181,760 lbs, Japan
2,033 tins, 81,320 lbs, Yokohama
GINGER, CRUDE—500 lbs, Hongkong
500 lbs, Hongkong
DRIED—160 lbs, Hongkong
GLASS, PLATE—1 cs, 580 lbs, Birmingham
SHEET—8 cs, 2,790 lbs, Birmingham
GUM, COPAL—11,700 lbs, Macassar
GYPSUM, CRUDE—8,220,800 lbs, Mexico
MEDICINAL PREPS—6 lbs, Yokohama
OIL, CHINAWOOD—20,590 lbs, Shanghai
42,000 lbs, Hongkong
CITRONELLA—22,580 lbs, Batavia
OLIVE—150 dms, 66,000 lbs, Athens
22,050 lbs, Greece
88,160 lbs, Athens
22,050 lbs, Italy
24,200 lbs, Athens
PEANUT—1,440 lbs, Hongkong
PALM KERNELS — 6,270 lbs, Dutch East Indies
TALC—110 lbs, London
TAPIOCA FLOUR—3,950 lbs, Hongkong
3,160 lbs, Hongkong

Norfolk Imports

BLOOD, DRIED—990 bgs, Buenos Aires
2,030 bgs, H J Baker & Bros, Buenos Aires
BONES—1,085 bgs, National Bank of Commerce, Buenos Aires
1,178 bgs, National Bank of Commerce, Buenos Aires
708 bgs, National Bank of Commerce, Buenos Aires
1,345 bgs, National Bank of Commerce, Buenos Aires
2,329 bgs, Buenos Aires
CASEIN—334 bgs, A Hurst & Co, Buenos Aires
FERTILIZER—1,000 bgs, Buenos Aires
HOOFS—1,439 bgs, National City Bank, Montevideo
QUEBRACHO EXTRACT—1,600 bgs, Tannin Corp, Buenos Aires
1,096 bgs, International Product Corp, Buenos Aires
1,000 bgs, International Product Corp, Buenos Aires
704 bgs, International Product Corp, Buenos Aires
2,400 bgs, International Product Corp, Buenos Aires
2,143 bgs, Tannin Corp, Buenos Aires
533 bgs, Tannin Corp, Buenos Aires
2,000 bgs, International Product Corp, Buenos Aires
TANKAGE—1,000 bgs, Wessel, Duval & Co, Buenos Aires
1,815 bgs, Armour & Co, Montevideo
1,000 bgs, Wessel, Duval & Co, Buenos Aires
1,815 bgs, Armour & Co, Santos
2,204 bgs, H J Baker & Bros, Buenos Aires
TAPIOCA FLOUR—405 bgs, Irving Trust Co, Cheribon
544 bgs, Irving Trust Co, Cheribon

Philadelphia Imports

BONES—1,000 tons, Armour & Co, Montevideo
CANARY SEED—1,815 bgs, Buenos Aires
COTTONSEED MEAL—2,208 bgs, Santos
CHROME ORE—5,250 tons, Mersin
CRYOLITE — 2,950 tons, Pennsylvania Salt Mfg Co, Ivigtut
COCOA BEANS—6,000 bgs, Bankers Trust Co, Bahia
3,500 bgs, Bank of London & South America, Ltd, Ilheos
1,000 bgs, Bank of the Manhattan Co, Ilheos
2,000 bgs, Guaranty Trust Co, Ilheos
250 bgs, La Guayra
GLYCERIN, CRUDE — 100 dms, Harshaw Chemical Co, Buenos Aires
MANGANESE DIOXIDE—563,103 kilos, Batavia
10 bgs, Batavia
MOLASSES—1,229,168 gls, Publicker Alcohol Co, Santiago de Cuba
1,357,199 gls, Publicker Alcohol Co, Sagua and Port Tarafa
PETROLEUM, CRUDE—77,128 bbls, Sinclair Refining Co, Tuxpam
QUEBRACHO EXT—2,154 bgs, Tannin Corp, Buenos Aires
TAPIOCA FLOUR—250 bgs, Cheribon
PEARL—121 bgs, Cheribon
53 bgs, H P Winter & Co, Cheribon

Savannah Imports

BLOOD, DRIED—2,032 bgs, Tupman, Thurlow & Co, Buenos Aires

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended Aug. 7

Codliver oil, 11 drums; deficient in Vitamin D.

Baltimore

Week Ended Aug. 7

Sesame seed, 60 bags; insect infested.

Boston

Week Ended Aug. 7

Medicinal preparation, 1 bottle; false and misleading statements.

Buffalo

Week Ended Aug. 7

Kola flavor, 24 gallons; not properly labeled.

San Francisco

Week Ended August 1

Cosmetic, 10 pieces; false and misleading statements; quantity of contents not given.

Medicinal, 2,000 bottles; false and misleading statements; quantity of contents not given.

Medicinal, 36 pieces; false therapeutic claims; quantity of contents not given.

Seattle

Week Ended August 1

Ginger, 29 cases; slack filled containers.
Ginger, 100 cases; slack filled containers; accurate statement of quantity of contents not given.

Exports from U.S. Ports

Baltimore Exports

ALCOHOL, BUTYL—4,464 lbs, Port Natal
AMMONIA SULPHATE—196 tons, Montevideo
BARIUM CHLORIDE—7,000 lbs, Capetown
BARYTES—10,000 lbs, Capetown; 80,000 lbs, Port Natal
EPSOM SALT—110,200 lbs, Buenos Aires; 22,400 lbs, East London
GREASE, LUBRIC—15,830 lbs, Montevideo
IRON SAND—44,000 lbs, Rio de Janeiro; 20,000 lbs, Lourenco Marques
LITHOPONE—44,741 lbs, Buenos Aires; 121,000 lbs, Port Natal
METHANOL—26,418 lbs, Montevideo
OIL, CRESOTE—33,004 gals, Buenos Aires
LUBRICATING—13 bbls, Montevideo
RUST PREVENTIVE—5,972 lbs, Buenos Aires
SODA ASH—1,183,490 lbs, Buenos Aires; 154,000 lbs, Rio de Janeiro

Los Angeles Exports

ACID, BORIC—100 bgs, 11,200 lbs, Hongkong; 1,200 bgs, 134,400 lbs, Liverpool; 120 bgs, 13,440 lbs, Auckland; 180 bgs, 19,060 lbs, Sydney; 158 bgs, 17,700 lbs, Melbourne; 2,715 bgs, 304,080 lbs, Liverpool
STEARIC—120 bgs, 12,000 lbs, Buitenzorg; 56 bgs, 11,200 lbs, Shanghai
ASPHALT, LIQ—1,228 dms, Shanghai; 1 dm, 270 lbs, Batavia; 630 dms, 253,120 lbs, Sourabaya/Semarang/Batavia / Belawan Deli
SOLID—760 dms, 329,280 lbs, Sourabaya/Semarang/Batavia/Belawan Deli
BENTONITE—2,000 bgs, 200,000 lbs, Singapore
BLACK, CARBON—37,500 lbs, Hongkong
BORATE—1,200 bgs, 222,860 lbs, Liverpool; 6,899 bgs, 1,099,020 lbs, Liverpool
BORAX—30 bgs, 3,360 lbs, Bombay; 2,000 bgs, 220,050 lbs, Dairen; 9 bgs, 1,010 lbs, Auckland; 545 bgs, 61,040 lbs, Melbourne; 1,071 bgs, 132,610 lbs, Sydney
CALCIUM HYPOCHLORITE—1,200 lbs, Sourabaya
CLAY—1,000 sx, 100,800 lbs, San Fernando; 2,000 sx, 224,000 lbs, Port Spain; 2,000 bgs, 201,600 lbs, Port Spain; 1,000 sx, 100,800 lbs, San Fernando
DECOLORIZING—272 bgs, 26,880 lbs, Melbourne
FILTER—160 sx, 6,720 lbs, Vancouver
PROCESSED—20 sx, 2,000 lbs, Vancouver
CLEANER—1,530 lbs, Hongkong; 150 lbs, New Westminster
COLOR, DRY—6,330 lbs, Sydney
DIATOMACEOUS EARTH—60 bgs, 6,000 lbs, Port Spain; 224 bgs, 21,840 lbs, Rosario; 1,200 bgs, 120,000 lbs, Bugo; 264 bgs, 26,400 lbs, Valparaiso; 2,688 bgs, 268,800 lbs, Liverpool; 973 bgs, 89,520 lbs, Liverpool
GASOLINE—10,000 dms, Tokuyama; 1,250 cs, Manila; 750 dms, Manila
GREASE, LUBRIC—34 cs, 1,570 lbs, Batavia; 10 cs, 440 lbs, Semarang; 10 cs, 460 lbs, Sourabaya; 5 dms, 2,000 lbs, Batavia; 12 cs, 600 lbs, Macassar; 32 bbls, 5,890 lbs, Auckland
INSECTICIDE, LIQ—1,600 lbs, Manila
KEROSENE—3,314 cs, Manila; 100 dms, Manila
LACQUER—8,780 lbs, Rio Janeiro; 290 lbs, Santurce; 7,490 lbs, San Juan; 2,180 lbs, Manila
THINNER—16,000 lbs, Manila
LARD—580 lbs, Manila
MEDICINAL PREPS—100 lbs, Manila
METHYL CHLORIDE—2 cyls, 180 lbs, Vancouver
OIL, COCONUT—25 dms, 10,000 lbs, Corinto
COTTONSEED—1,930 lbs, Manila; 100 dms, 40,000 lbs, Sandakan
DIESEL — 51,525 bbls, Kawasaki; 49,278 bbls, Osaka; 4,241 bbls, Coquimbo; 413 bbls, Santa Rosalia; 9,842 bbls, Vancouver
FUEL — 43,089 bbls, Osaka; 79,458 bbls, Yokohama; 93,362 bbls, Balboa; 8,018 bbls, Vancouver; 16,576 bbls, Vancouver
GRAPEFRUIT—390 lbs, Liverpool
LEMON—200 lbs, Auckland; 200 lbs, Adelaide; 250 lbs, Sydney
LINSEED—5,260 lbs, Arroyo
LUBRICATING—90 dms, Shanghai; 54 dms, Manila; 202 pkgs, Macassar; 286 pkgs, Batavia; 161 pkgs, Semarang; 156 pkgs, Sourabaya; 60 pkgs, Medan; 93 pkgs, Pandang; 130 pkgs, Auckland; 7 dms, Sydney; 180 dms, Melbourne
ORANGE—500 lbs, Auckland
RED—1 dm, 410 lbs, Buitenzorg
SARDINE—34,880 lbs, Auckland
PAINT—1,860 lbs, Rio de Janeiro; 1,170 lbs, Manila; 16,680 lbs, Palembang
ENAMEL—12,600 lbs, Palembang
PECTIN, APPLE—2,600 lbs, Melbourne
PETROLEUM, CRUDE — 64,699 bbls, Ioco; 48,638 bbls, Vancouver
DISTILLATE—500 dms, 184,710 lbs, Melbourne
GAS, LIQ—25 cyls, 1,630 lbs, Manila; 96 cyls, 20,160 lbs, Yokohama; 233 cyls, 11,830 lbs, Sydney; 26 cyls, 4,390 lbs, Auckland; 127 cyls, 4,590 lbs, Melbourne
POTASH MURIATE—2,000 bgs, 400,960 lbs, Mayaguez
PUMICE—400 sx, 24,000 lbs, Vancouver
PUTTY—1,110 lbs, Palembang
SHELLAC, FLAKE—110 lbs, Palembang
SOAP, POWDER—490 lbs, Tutuila
SODA, ASH—61,600 lbs, Palembang; 200,650 lbs, Vancouver; 5,000 lbs, Corinto
CAUSTIC—2,000 lbs, Semarang; 2,000 lbs, Sourabaya
SILICATE—100,000 lbs, Auckland
SPONGES—30 lbs, Guatemala City
STARCH—290 lbs, Tutuila
SULPHUR DIOXIDE — 16 cyls, 2,400 lbs, Vancouver
TALC—490 lbs, Bogota
TOILET PREPS—1,710 lbs, Singapore; 1,750 lbs, Shanghai; 1,280 lbs, Kingston; 3,970 lbs, Manila; 480 lbs, Guatemala City; 300 lbs, San Salvador
WAX, STEARIN—1,000 bgs, 100,000 lbs, Manila

New Orleans Exports

BORAX GLASS—30 cs, Puerto Cabezas
CREOSOTE—25 tons, Cristobal
DISTILLATE—37 tons, Ceiba
EPSOM SALT—21 tons, Vera Cruz
GASOLINE—125 tons, Puerto Barrios
GLUCOSE—10 tons, Havana
KEROSENE—28 tons, Belize; 1 dm, Ceiba
LARD—44 tons, Havana; 94 tons, Santiago; 12 tons, Belize
LITHOPONE—18 tons, Havana
OIL, DIESEL—40 tons, Belize; 30 tons, Vera Cruz; 101 tons, Ceiba
FUEL—409½ tons, Ceiba
LUBRICATING—17 tons, Cristobal; 6 tons, Puerto Cabezas
PARAFFIN—57 tons, Vera Cruz
ROSIN—40 tons, Cartagena
SALT—177 tons, Havana
SODA, CYANIDE—27 tons, Puerto Cabezas
XANTHATE—2 tons, Puerto Cabezas
STARCH—13 tons, Havana
SULPHUR—39 tons, Vera Cruz
TANNING EXTRACT—22 tons, Tampico

Philadelphia Exports

AMMONIA—99 cyls, Rio de Janeiro
BENZOL—10 dms, Rio de Janeiro
GASOLINE—300 cs, Santos
GREASE, LUBRIC—10 cs, Rio de Janeiro; 21 pls, Rio de Janeiro; 35 cs, Santos; 8 bbls, Santos
LICORICE PASTE—15 cs, Rio de Janeiro
OIL, LUBRIC—5 bbls, Leixoes; 50 dms, Lisbon; 40 dms, Benguela; 25 cs, Benguela; 10 cs, St Vincent; 12 cs, Porto Amboim; 26 cs, Bissao; 5 cs, Novo Redondo; 221 cs, Rio de Janeiro; 115 dms, Rio de Janeiro; 560 dms, Santos; 32 dms, Maceio; 27 cs, Maceio
PARAFFIN—40 cs, Rio de Janeiro; 15 bgs, Rio Grande do Sul; 120 cs, Santos
PETROLATUM—3 bbls, Lisbon
SUPERPHOSPHATE—970 bgs, Pernambuco

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Castor Pomace:—Peru has made up imports of castor pomace duty-free.

Dutch Guiana:—All imports have been made subject to license.

Fertilizers:—Costa Rica has established revised regulations governing the sale of fertilizers. The new regulations establish minimum standards for fertilizers, and provide for the analysis, marking, and registration of these products offered for sale in Costa Rica. The importation of fertilizers in second-hand sacks is prohibited.

Fuller's Earth: — Algeria requires special permits for the exportation of fuller's earth.

Medicinals:—Cuba has postponed the effectiveness of the requirements that seals be fixed on the exterior containers of all pharmaceutical products in stock in dealers' establishments, showing the retail prices, until September 1.

Medicinals:—Straits Settlements government has curtailed the issuance of licenses for the importation of proprietary medicinals.

Pharmaceuticals:—Colombia has increased the fee for laboratory analysis of pharmaceutical products from 15.50 to 25.00 pesos.

Soapstone:—The Straits Settlements government has added soapstone for use in the packing of rubber to the list of products permitted to be imported from nonsterling countries.

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—70,835 bbls, Seattle; 1,488 bbls, San Diego; 2,529 bbls, San Diego; 1,079 bbls, San Diego; 40,843 bbls, San Francisco; 32,916 bbls, San Francisco; 19,987 bbls, Portland; 32,955 bbls, Portland; 67,615 bbls, San Francisco; 42,060 bbls, Seattle; 40,700 bbls, Seattle; 1,420 bbls, San Diego; 2,872 bbls, San Diego; 67,000 bbls, Seattle
OIL, DIESEL—2,770 bbls, San Diego; 7,694 bbls, San Francisco; 14,713 bbls, Oleum; 8,000 bbls, Seattle
FUEL—67,279 bbls, Avon; 2,307 bbls, Portland; 31,613 bbls, Seattle; 34,127 bbls, Seattle; 102,834 bbls, Richmond, 1,982 bbls, San Francisco; 53,543 bbls, Oleum; 19,059 bbls, Oakland; 75,186 bbls, Fall River
FURNACE—1,990 bbls, Seattle; 4,429 bbls, Portland
ROAD—30,354 bbls, Oakland
SOLVENT—2,000 bbls, Seattle

Industrial Uses of Chemicals and Related Materials

(Formerly Styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Seven-hundred-ninth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

1-Benzyl-3-oxy-1:2:3:4-tetrahydroquinolin

Dye

Claimed (Brit. 456824) as—
Dyestuff intermediate.

Bromoethyl Chlorosulphonate

Chemical

Reactant in—
Organic syntheses

Military

As a military poison gas (lachrymator)

3-Chlor-4-betahydroxyethylaminophenylmethylsulphone

Chemical

Intermediate (Brit. 490043) in making—
Medicinal chemicals

Dye

Intermediate (Brit. 490043) in making—
Dyestuffs

Diacetoacetamido-1:2:4:5-benzobis-thiazole

Photographic

Color-former (Brit. 497463 and 497698) in—
Color photography

Ethyleneglycol Monobutylether

(Additional uses—supplementary to information in the book, Uses and Applications of Chemicals and Related Materials—see bottom of this page)

(Butylcellosolve, Diaethylenglykolmonobutylaether, Ether de Diethyleneglycole Monobutylique)

Chemical

Organic chemical offering following properties—
Colorless liquid
High dilution ratio with petroleum hydrocarbons
Mild odor
Solubility in both mineral oils and water
Reactant in—
Organic syntheses
Solvent for—
Nitrocellulose Resins

Dry Cleaning

Increaser of—
Solubility in gasoline
Mutual solvent for—
Soluble mineral oils (to hold the soap in solution and to improve the emulsifying properties)
Promoter of—
Incorporation in dry-cleaning soaps of small amounts of water necessary for removal of water-soluble stains from the articles being cleaned
Solvent in—
Dry cleaning compounds

Fats and Oils

Mutual solvent for—
Soluble mineral oils

Paint and Varnish

Antiskinning agent in—
Varnishes
Solvent compatible with—
Harder synthetic resins
Solvent for—
Nitrocellulose Resins
Solvent in—
Brushing lacquers
Finish removers
Industrial lacquers
Quick-drying varnishes and enamels
Spray lacquers
Thinner in—
Enamels Paints
Lacquers Varnishes

Resins

Solvent for—
Resins, particularly the harder synthetic resins

Textile

Mutual solvent in—
Textile soap compositions
Solvent for—
Nitrocellulose
Resins
Spotting preventer in—
Dyeing processes
Printing processes

Fluomyristic Acid

Disinfectant

Germicide (Brit. 453830) in—
Disinfectant soaps

6-Methylbetahydroxyethylamino-2-paraacetamido-1-methylquinolinium Methiodide

Pharmaceutical

Claimed (Brit. 495783) as—
Therapeutically valuable agent (trypanocide) which is advantageous in being more soluble and less toxic than known 2-styrylquinolinium salts

Methyldinaphthylsulphone

Rayon

Delustring agent (U.S. 2069773 and 2069774) for—
Cuprammonium products
Nitrocellulose products
Viscose products

1-Methyl-5-ethylpiperidinobarbituric Acid

Pharmaceutical

Claimed (Brit. 414293) as—
Medicinal agent having good hypnotic properties but low toxicity

Paraphenetolcarbamide

(Dulcin, Paraethoxyphenylurea, Paraphenetylurea, Sucrol, Valzin)

Food

Substitute for—
Sugar
Synthetic sweetener said to be 200 times sweeter than sugar

Pharmaceutical

Sweetener and flavor improver for—
Castor oil Codliver oil

Sodium Betapara-N-dodecylphenoxyethylsulphate

Adhesives

Wetting agent (Brit. 479035 and 481557) in—
Adhesive preparations

Chemical

Foaming agent (Brit. 479835 and 481557) of high power
Wetting agent (Brit. 479835 and 481557) in—
Emulsions of various chemicals
Textile lubricants

Cosmetic

Wetting agent (Brit. 479835 and 481557) in various cosmetic preparations

Disinfectant

Wetting agent (Brit. 479835 and 481557) in—
Disinfecting compositions
Germicidal compositions

Dry Cleaning

Wetting agent (Brit. 479835 and 481557) in—
Dry-cleaning solutions

Dye

Wetting agent (Brit. 479835 and 481557)

Fats, Oils, and Waxes

Wetting agent (Brit. 479835 and 481557) in—
Boring oils
Cutting oils
Drilling oils
Greasing compositions
Lubricating compositions
Sulphonated oils
Wire-drawing oils
Wax preparations

Ink

Wetting agent (Brit. 479835 and 481557) in—
Printing inks
Writing inks

Insecticide and Fungicide

Wetting agent (Brit. 479835 and 481557) in—
Fungicidal compositions
Horticultural sprays
Insecticidal compositions

Leather

Wetting agent (Brit. 479035 and 481557) in—
Dressing compositions
Fat-liquoring compositions
Finishing compositions
Soaking compositions
Softening compositions
Tanning compositions
Waterproofing compositions

Metallurgical

Wetting agent (Brit. 479835 and 481557) in—
Metalplating processes

Miscellaneous

Foaming agent (Brit. 479835 and 481557) of high power
Modifier (Brit. 479835 and 481557) of—
Surface tension of liquids in various products and processes
Wetting agent (Brit. 479835 and 481557) in—
Embalming fluids
Polishing compositions for furniture, automobiles, metals, wood, glass, and other articles
Various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, wetting
Soldering fluxes
Wallpaper removers
Waterproofing compositions

Paint and Varnish

Wetting agent (Brit. 479835 and 481557) in—
Paints, varnishes, and lacquers
Pigment manufacture

Paper

Wetting agent (Brit. 479835 and 481557) in—
Sizing compositions
Waterproofing compositions
Waxing compositions

Petroleum

Wetting agent (Brit. 479835 and 481557) in—
Cutting oils
Mineral oil compositions
Pitch compositions
Tar compositions

Photographic

Wetting agent (Brit. 479835 and 481557) in—
Blueprint processes
Photograhic processes

Rubber

Wetting agent (Brit. 479835 and 481557) in—
Cements

Soap

Wetting agent (Brit. 479835 and 481557) in—
Detergent compositions
Textile soaps

Textile

Bleaching

Wetting agent (Brit. 479835 and 481557) in—
Bleaching baths

Dyeing

Wetting agent (Brit. 479735 and 481557) in—
Dye baths

Finishing

Wetting agent (Brit. 479835 and 481557) in—
Coating compositions
Scouring compositions
Sizing compositions
Washing compositions
Waterproofing compositions
Waxing compositions

Manufacturing

Wetting agent (Brit. 479835 and 481557) in—
Bowking baths
Carbonizing baths
Degreasing compositions
Degumming and boiling-off baths
Fulling baths
Kier-boiling baths
Mercerizing baths
Oiling compositions
Soaking baths
Spinning compositions

Printing

Wetting agent (Brit. 479835 and 481557) in—
Printing pastes

Tetrachlorodinitroethane

Chemical

Reactant in—
Organic syntheses

Military

As a military poison gas (more powerful than chloropicrin)

Tricetylpyridinium Phosphite

Lubricant

Starting point (Brit. 457548) in making—
High-pressure lubricants, die-making lubricants, boring oils, drilling oils, cutting oils, and wire-drawing oils by solution, dispersion, or emulsification in carriers, such as mineral, vegetable, or animal oils, paraffin, water, graphite, grease, or porous bearing metal

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LONDON CHEMICAL firm with good connections to tanneries, glass works, and chemical manufacturers wishes to secure sole selling agency for American chemical manufacturers. Cash against documents basis. BOX 988, Oil, Paint and Drug Reporter.

IF YOU can offer chemical specialties and paint oils to advantage and would be interested in Ohio representation, address, BOX 995, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE—Day Jumbo jacketed mixer, 680 gals.; Day powder mixers, 200 to 2000 lbs.; jar mills, 1 to 10 gals.; pebble and ball mills, 50 to 1000 gals.; Day, Ross roller mills, 12 in. x 32 in.; Pony mixers, 8 to 40 gals.; Shriver wood and iron filter presses, 12 in. to 42 in. sq.; colloid mills, U. S. and Premier; Day, 500 gal. steel jacketed mixing tanks; Patterson, 1000 gal. mixing tanks; Ross, 26 in. stone mills with iron feeders; etc. Send for latest news flashes. Brill Equipment Corporation, 183 Varick street, New York City.

Equipment Offered

FIND what you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Company, 123 Bleecker street. SPring 7-8955.

Equipment Wanted

WANTED — For chemical plant, filter press, jacketed kettle, vacuum dryer, powder mixer, pulverizer. No dealers. BOX 979, Oil, Paint and Drug Reporter.

Factories Offered

CONCRETE FACTORY, modern 36,000 sq. ft., sprinklers, three-ton elevator, heavy floor capacity, railroad siding with loading platform, excellent light, steam, yard. Unrestricted district, Brooklyn, near subway. The R. L. Kraft Company, Woolworth Building, COrtlandt 7-9377.

Materials Offered

CRUDE FUSEL oil, 3,000 American gallons available for immediate shipment; packed in first-class second-hand heavy 50-gallon steel drums. Shanahan's Limited, Vancouver, B. C., Canada.

Patents Offered

DETERGENT PATENTS for license or sale. United States, Canadian and British patents issued in 1939. Offer manufacturers excellent protective opportunity in specialty fields with unusual efficient alkaline detergents. Manufacturing cost small. Equipment not expensive. Profits very interesting. Can be used wherever alkalis or detergents are needed. Write for details. BOX 986, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMAN for Pacific Coast territory to make headquarters in San Francisco with previous experience selling flavors and essential oils and knowledge of chemistry preferred. Write full particulars, experience, indicate remuneration expected and enclose photograph. BOX 970, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST or chemical engineer, for position as superintendent chemical plant production in agricultural insecticides. Ability to handle men essential. Eastern location. State age, experience, training, salary, recent snapshot. BOX 984, Oil, Paint and Drug Reporter.

CHEMIST.—We have opening in our laboratory for young chemist with some knowledge in printing and lithographic ink field. Familiarity with various oils and synthetic gums essential. BOX 993, Oil, Paint and Drug Reporter.

Positions Wanted

ADVERTISING—SELLING.—Young man; graduate pharmacist; Christian; with extensive contacts with retail druggists; capable of writing advertising copy, editing house organ, speaking at conventions, and carrying on a program of retailer relations for manufacturer or prescription pharmaceuticals or general drug merchandise. Is known nationally. Can give highest references. BOX 987, Oil, Paint and Drug Reporter.

EXECUTIVE or assistant, wholesale drugs, chemicals, pharmaceuticals, allied trades, all around man thoroughly experienced wholesale buying, selling for domestic, import-export markets, accustomed large volume business, solicits interview. BOX 989, Oil, Paint and Drug Reporter.

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Bakelite Corp. to Construct Building for Urea Plastics

The Bakelite Corporation, a unit of the Union Carbide and Carbon Corporation, will shortly start construction on a new building at the company's plant in Bound Brook, N. J. The building will be used for the manufacture of bakelite urea molding materials. These products have been manufactured since 1937 in a pilot plant at Bound Brook.

J. H. Mansfield, production foreman for Standard Oil Company of California, has retired after thirty-two years of service with the company.

Corporation Earnings Recently Reported

	Period.	1940 Net income.	1940 Per share.	1939 Net income.	1939 Per share.
Air Reduction Co., Inc.	6 Mos.	$3,106,096	$1.15	$2,232,595	$0.87
American Home Products Corp.	6 Mos.	2,158,109	2.68	2,009,181	2.50
Bristol-Myers Co.	6 Mos.	1,142,841	1.68	1,318,699	1.93
Climax Molybdenum Co.	6 Mos.	3,466,225	1.38	2,569,214	1.02
Coca-Cola Co.	6 Mos.	14,130,170	3.54	13,072,185	3.27
Commercial Solvents Corp.	6 Mos.	1,046,551	.40	438,100	.17
Coty, Inc.	6 Mos.	311,026	.20	132,472	.08
Crown Cork & Seal Co.	6 Mos.	1,318,188	2.06	795,895	1.05
General Printing Ink Corp.	6 Mos.	419,838	.43	425,187	.44
Goodyear Tire & Rubber Co.	6 Mos.	4,142,892	1.23	3,610,595	.96
Hazel-Atlas Glass Co.	6 Mos.	1,270,963	2.93	1,141,605	2.63
Industrial Rayon Corp.	6 Mos.	1,048,348	1.38	54,767	.07
International Salt Co.	6 Mos.	326,195	1.36	116,254	.50
Miami Copper Co.	6 Mos.	481,113	.64	.....	....
Monsanto Chemical Co.	6 Mos.	3,107,726	2.30	2,061,065	1.45
National Lead Co.	6 Mos.	3,119,810	.69	3,017,957	.66
Nehi Corp.	6 Mos.	467,611	.41	480,444	.43
Newport Industries, Inc.	6 Mos.	260,456	.42	182,185	.29
New Jersey Zinc Co.	6 Mos.	3,318,268	1.69	2,047,648	1.04
Oliver United Filters, Inc.	6 Mos.	101,760	.22	*12,516	....
Pennsylvania Glass Sand Corp.	6 Mos.	305,952	.68	238,313	.47
Peoples Drug Stores, Inc.	6 Mos.	407,215	.83	362,700	.69
Phillips Petroleum Co.	6 Mos.	6,378,198	1.43	3,774,069	.85
St. Joseph Lead Co.	6 Mos.	3,023,066	1.51	1,624,211	.83
Scott Paper Co.	6 Mos.	879,902	1.12	795,081	1.16
Standard Brands, Inc.	6 Mos.	4,766,004	.34	3,559,373	.25
Sweets Co. of America	6 Mos.	*45,801	....	41,500	.49
Sylvania Industrial Corp.	6 Mos.	522,338	1.23	516,350	1.21
Tide Water Associated Oil Co.	6 Mos.	5,904,865	.75	2,331,410	.19
Union Carbide & Carbon Corp.	6 Mos.	19,972,175	2.15	10,751,404	1.18
Union Oil Co. of Calif.	6 Mos.	2,014,380	.43	2,651,144	.57
United Chemicals, Inc.	6 Mos.	84,065	.48	60,334	.17
United Gas Improvement Co.	6 Mos.	14,467,491	.54	14,555,650	.54
U. S. Gypsum Co.	6 Mos.	3,536,458	2.73	3,117,857	2.38
Willson Products, Inc.	6 Mos.	110,743	.86	74,378	.58
Wrigley (Wm.), Jr., Co.	6 Mos.	4,800,654	2.43	4,559,010	2.31
Zonite Products Corp.	6 Mos.	93,513	.11	*31,906	....

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1—Louisville 4 ft. 6 in. by 20 ft. Steam Tube Dryer.
12—Vacuum Shelf Dryers, all sizes.
1—Zaremba Triple effect Evaporator, 2,100 sq. ft. per effect.
1—9 ft. Copper Vacuum Coil Pan.
1—W. & P. Vacuum Mixer, 100 gal.; other W. & P.'s, 2 gal. to 2,650 gal.
7—3-roll Roller Mills, up to 16 by 40.
1—5' by 22" Hardinge Conical Ball Mill.
12—Ball Mills, 10 gal. to 500 gal.
2—Shriver 32 in. x 32 in. castiron Filter Presses, recessed, center feed, 30 plates; other sizes from 7" x 7" to 42" x 42".
1—Oliver 8 ft. x 12 ft. Rotary Continuous acid proof Filter.
2—Dopp Jacketed Kettles—500, 650 gals.
1—700 gal. Duriron jacketed Kettle.
1—Day 80 gal. Brighton Change Can Mixer.
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Japan Buying Salt in U.S. For Caustic Soda Production

The cessation of imports of industrial salt from North African countries has seriously interfered with caustic soda production in Japan and as a result certain industries, notably, rayon and staple fiber manufacturers, have been obliged to curtail production, according to a release by the Department of Commerce. Reports recently in New York charter circles had it that commitments have been arranged for transportation of salt from New Orleans and West Indies to Japan on a basis of $13.50 a ton.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or cooperative office of the bureau, and not to this publication. When writing give the number of the item:—

Ammonia Sulphate:—Hongkong; purchase (250).

Cement Colors:—Cali, Colombia; purchase (252).

Manganese Dioxide:—Zagreb, Yugoslavia (253).

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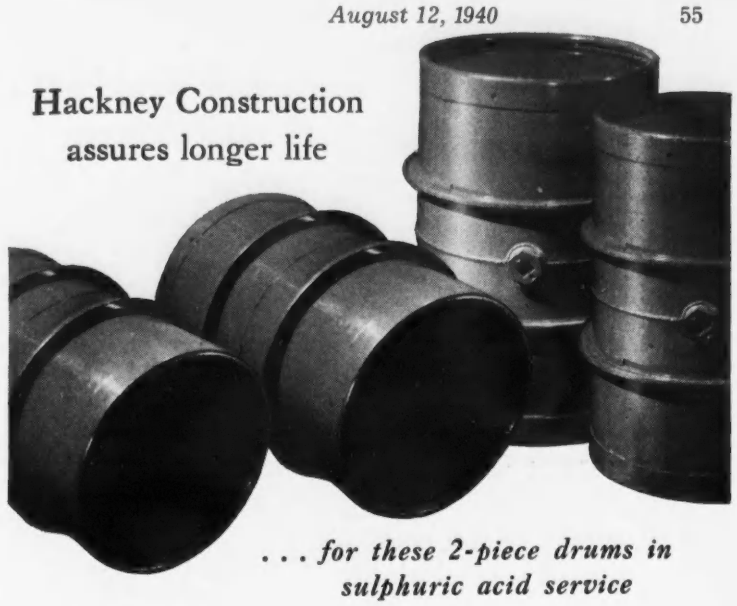

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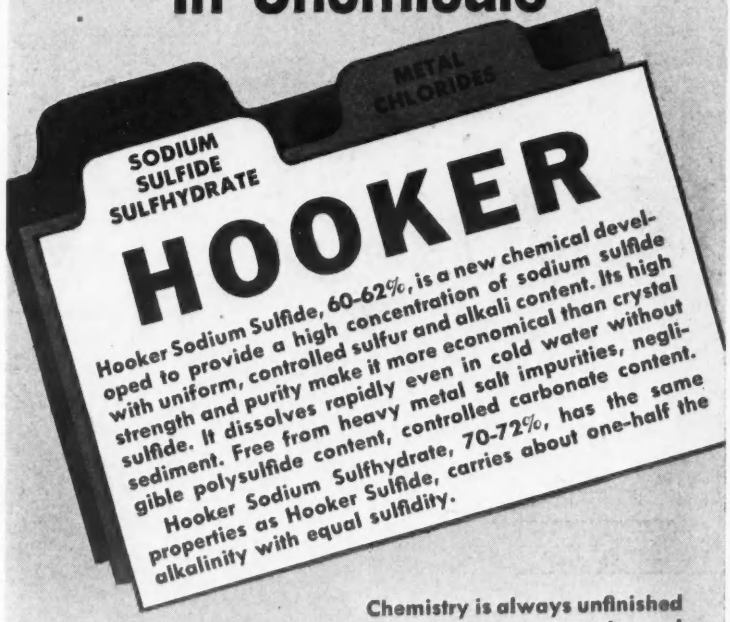
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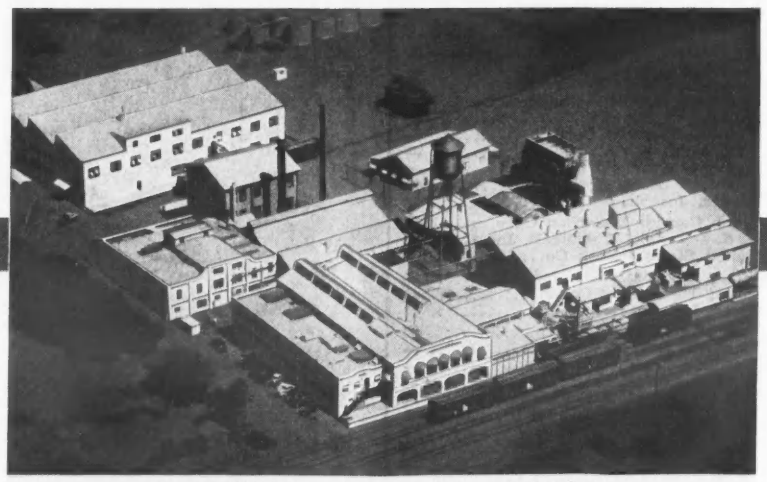

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